Final Examinations

of some governorates



on the first term 2022

	Cairo Governorate Manor House Internation	ial School
Answ	er the following questions :	
1. [A]	 Write the scientific term of each of the following: 1. A gas that turbid clear limewater when it passes through it for a short time. 2. A device used to measure the temperature of liquids. 3. The area of two bones meeting. 4. The amount of matter in an object. What happens when ? 	(·······) (········) (·······)
	Increasing the percentage of carbon dioxide in the atmospheric air of the Earth?	
2 - 10	2. You touch a hot body by your hand? Complete the following:	
	The temperature of normal human body is°C.	
	2. In respiration process gas is consumed (used). 3. Locomotory system consists of two main systems, they are and 4. The measuring units of mass are and	
[B]	Mention one importance of :	
	1. Ribcage :	
	2. Ethyl alcohol.	

. [A] Choose the correct a	nswer:			
	The mass of a body Earth's surface is	on the moon's surfa	ce is 10 kg, so its n	nass on the	
	a. 10 kg.	b. 10 N.	c. 60 kg.	d. 60 N.	
	2. Myelin sheath surrou	inds the			
	a. nerve cell axon.	b. cerebellum.	c. spinal cord.	d. cerebrum.	
	3. ····is used to m			•	
	a. Iron	b. Copper		d. Aluminium	Į.
	4. Hydrogen peroxide i	s used in preparing	gas.		
	a. oxygen	b. carbon dioxide	c. nitrogen	d. hydrogen	
[E] Solve the following p	roblem : [Don't for	get to write rules].		
	If the mass of a body o	n the Earth is 18 kg	Calculate :		
	1. Its weight on Earth.				
	Rule :				
	Weight on Earth =				•
	2. Its weight on moon.			2	
	Rule :				
	Weight on moon =				••
1. [/	A] Put (✓) or (×):			H	
	1. Heat transfers from	cold objects to hot o	bjects.	()
	2. Ozone gas consists	of 3 oxygen atoms.		()
y, a	3. The shoulder joint is	an immovable joint.		. ()
	4. The weight is the for	ce that attracts the I	oody towards Earth	. ()
[8	Look at the following	figure then answe	r:		_
	- This device is				Total Control
	- The function of constr	iction is			7
					Parity
					1

2 Cairo Governorate

Heliopolis Modern Language School

Answer the following questions:

iswer the following questi	0113 .		
Choose the correct answer	er:		landa ta in
Increasing the percentage	je of gas	in the atmosphere	leads to increasing
the temperature of the E	arth.		de d. hydrogen
a. oxygen	b. nitrogen		
2. All the following are from	the components	of the central nerv	ous system
except		b. two cerebral	
a. spinal nerves.		d. medulla oblo	
c. spinal cord.	i i i i i i i i i i i i i i i i i i i		
When a glowing magnes gas the element that is for	sium ribbon is pla	ced in a jar contain	
		c. hydrogen.	d. carbon.
a. oxygen.4. An object has the mass 3	b. nitrogen.	23.47	
		c. 60 N.	d. 60 kg.
a. 360 N.	b. 36 kg.	0.0011.	
5. From the immovable join		b. knee.	
a. joints between skull be	ones.	d. shoulder.	
c. wrist. 6. The thermometer which	scale ranges from		
		b. laboratory th	
 a. medical thermometer. c. alcoholic thermometer 		d. celsius therm	
c. alconolic thermometer	•	u. ceisius trierri	iometer.
[A] Complete the following	ng:		
1. Humansys	tem is the system	that controls all the	e vital operations of
2. ····· conducts he			
Hydrogen peroxide of the presence of			, 7 a r. 18.
The weight of any ob		by using the	······································
[B] Write the scientific te	rm :	e e	
1. A chemical substance	e that remains wi	thout any change a	
speed up the rate of 2. A type of plants form			()
of bacteria lives in th	ne roots.	or shecilic type	()
			C

[A] Correct the underlined words :			
1. The backbone protects the lungs.	()
 Burning is the slow union between oxygen and an element in the presence of moisture. 	()
3. Weight doesn't change by changing the place on the Earth.	(.)
 The automatic response of the body to external stimuli is known as the voluntary respond. 	(·)
[B] What is the importance of ?	-		
 Cartilages between the vertebrae of the backbone. 			
Oxy-acetylene flame.			
			_
4. [A] Put (✓) or (×):			
 Appendicular skeleton consists of upper and lower limbs bones. 		()
Newton is measuring unit of weight of an object whose mass is 0.	1 kg.	()
3. Mercury is bad heat conductor.		()
4. By decreasing the distance from the center of the Earth, decrease	sing	eF 5	
weight of the object occurs.		()
[B] Compare between crinail nerves and spinal nerves :			
(According to the definition and number of both of them).			
			•••
			•••
3 Cairo Governorate St. Joseph School	ı		震
Cairo Governorate			
Answer the following questions :	100		
[A] Choose the correct answer :			
The responsible organ for reflexes is a. spinal cord. b. brain. c. medull	a oblo	ngat	a.
The scientist who discovered nitrogen gas was a. Anders Celsius. b. Joseph Priestley. c. Daniel	Ruthe	rford	j.
		10	1

	3. An object whos	se weight is 20 Newton on Earth	, its mass = ·····kg.
	a. 200	b. 20	c. 2
	4. Oxygen is	than air, so it replaces air.	
	a. equal	b. heavier	c. smaller
	5. The ribcage co	onsists of pairs of ribs.	A STATE OF THE STA
	a. 12	b. 24	c. 10
[B]	Look at the opp	osite figure, then answer :	
	Ali uses his thern	mometer to measure	Temperature
	the temperature	of some different liquids.	60
	He draws the opp	posite graph for his results.	50
	1. What is the liq	uid that has the highest	30
8	temperature?		20
			. Liquid Liquid Liquid Liquid
	2. What is the typ	pe of thermometer that Ali used ?	
	,		
[C]	Give an example	e for the following :	a voggjag stærskerat "I
	Heat insulators.		ar fow her break in
. [A]	Complete the fo	ollowing:	
		er turns into milky when	gas passes through it.
	2. 1 kilogram =		
	3. Joints are	types.	
[B]	What happens w	vhen ?	
		percentage of carbon dioxide ga	as in air.
	2. Wet some iron	nails with water and leave them	for several days in a humid
	atmosphere.		
100		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Auro			

[C] Choose from column (B) what suits it in column (A) :

Atmosphere is composed of:

(A)	(B)
Nitrogen gas	a. 1%
2. Oxygen gas	b. 78%
3. Carbon dioxide and other gases	c. 21%

1141		
1	2	3

1. A mixture of different gases that surrounds the Earth's surface	and attracted
4 9 4	(
2. It is the amount of matter in an object.	(
3. The system consists of skeletal system and muscular system.	
4. It is a chemical compound whose molecule consists of	
one carbon atom linked with two oxygen atoms.	()

A layer in the atmosphere that protects the Earth from har	mful radiations
that come from Sun.	(

[B] L	ook at	the	figure	then	answer	:
-------	--------	-----	--------	------	--------	---

1. This is thecell.		14
2. Write the labels :	(e)	2
(a)	1	
(b)	* 1	with
©	30	(A)

[C] What is the importance of each of the following ... ?

1. Spring scale.				
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	**********	 	
***************************************	• , , • • • • • • • • • • • • • •		 	
Oxy-acetylene flame.				508

4. [A] Put (√) or (x):

1. The measuring unit of weight to knogram.	-	
2. Mercury is used in making thermometers.	(
3. Oxygen gas occupies about $\frac{1}{4}$ of the air volume.	(
Skull is a bony box that protects the brain.	(
5. When adding lemon juice to sodium bicarbonate carbon dioxide gas		
is produced.	(

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. On putting a lighted m put out.	natch in a cylinder filled wi	
Compare between :		
Point of comparison	Central nervous system	Peripheral nervous system
Structure :		
Cairo Governo	orate El-Helmia	Official Language Scho
the following question	ons :	official Language Scho
the following question	ons:	
the following question complete the following thermometer	ons :	mperature of liquids.
the following question complete the following thermometer The plants use	ons: g: r is used to measure the te gas in photosynthesis p ats 21% of air volume.	mperature of liquids.
the following questice complete the following complete the following thermometer the plants use the plants use the gas represent the measuring unit of	ons: T is used to measure the temperature in the second s	mperature of liquids.
the following question of the following question of the following the following the following the following the following the function of the	ons: T is used to measure the temperature in the second s	mperature of liquids.
the following question of the following the following thermometer the plants use the following the plants use following the plants use following the following the function of the following scale.	ons: T is used to measure the temperature in the second s	mperature of liquids.

 Oxygen gas is collected to 	by downward displacement	of water.

		,
Mercury is used in makin	ng thermometer.	
[B] Write the scientific term :		
1. Materials that don't allow		(
2. It is an organ which is re-		(
3. It is a bony box that prote		\ (
4. It is the degree of hotnes		·
TAID 44 () (1)		
[A] Put (V) or (x):	ooking broad and decise	1 · · · · · · · · · · · · · · · · · · ·
Oxygen gas is used in m The seals of coloius than		. 4000
The scale of celsius ther	mometer starts from 35 C to	0 42 0. (
2 Iron conducts boot factor	r than conner	,
3. Iron conducts heat faste		(
 Iron conducts heat faste Hydrogen peroxide is us 		gas. (
4. Hydrogen peroxide is us [B] What happens when ?	sed in preparation of oxygen	gas. (
4. Hydrogen peroxide is us	sed in preparation of oxygen	gas. (
4. Hydrogen peroxide is us [B] What happens when ?	sed in preparation of oxygen	gas. (
4. Hydrogen peroxide is us [B] What happens when ? 1. A medical thermometer i	sed in preparation of oxygen is put in boiled water.	
4. Hydrogen peroxide is us [B] What happens when ? 1. A medical thermometer i	sed in preparation of oxygen	
4. Hydrogen peroxide is us [B] What happens when ? 1. A medical thermometer i	sed in preparation of oxygen is put in boiled water.	
4. Hydrogen peroxide is us [B] What happens when ? 1. A medical thermometer i	sed in preparation of oxygen is put in boiled water.	
4. Hydrogen peroxide is us [B] What happens when? 1. A medical thermometer i 2. A nail wetted by water is [A] Choose the correct answ	sed in preparation of oxygen is put in boiled water. s exposed several days to hu	
4. Hydrogen peroxide is us [B] What happens when? 1. A medical thermometer is 2. A nail wetted by water is	sed in preparation of oxygen is put in boiled water. s exposed several days to hu	
4. Hydrogen peroxide is us [B] What happens when? 1. A medical thermometer i 2. A nail wetted by water is [A] Choose the correct answ	sed in preparation of oxygen is put in boiled water. s exposed several days to hu	
4. Hydrogen peroxide is us [B] What happens when? 1. A medical thermometer is 2. A nail wetted by water is [A] Choose the correct answ 1. The backbone consists of all 100	sed in preparation of oxygen is put in boiled water. s exposed several days to hu ver: of	umid air.
4. Hydrogen peroxide is us [B] What happens when? 1. A medical thermometer is 2. A nail wetted by water is 1. The backbone consists of a 100 2. Wrist joint is from	ver: b. 33 b. freely movable	c. 12
4. Hydrogen peroxide is us [B] What happens when? 1. A medical thermometer is 2. A nail wetted by water is 1. The backbone consists of a 100 2. Wrist joint is from	ver: b. 33 b. freely movable	c. 12
4. Hydrogen peroxide is us [B] What happens when? 1. A medical thermometer is 2. A nail wetted by water is 1. The backbone consists of a 100 2. Wrist joint is from a slightly movable 3. Rapid combination betwo	ver: b. 33 b. freely movable veen oxygen and element is b. combustion.	c. 12
4. Hydrogen peroxide is us [B] What happens when? 1. A medical thermometer is 2. A nail wetted by water is 1. The backbone consists of a 100 2. Wrist joint is from	ver: b. 33 b. freely movable veen oxygen and element is b. combustion.	c. 12

2. Its weight on Earth's surface		
Its weight on Earth's surface.	.,,	A CELEBOO GREEN
5 Cairo Governorate	Lea	ders Language School
nswer the following questions :		
[A] Choose the correct answer :		
1. All the following from the compo	nents of the ce	entral nervous system
except		
a. cerebrum.	b. cerebellum	1.
c. spinal cord.	d. spinal nerv	res.
2. The axial skeleton consists of		
 a. skull, backbone and ribcage. 		
c. femur, shaft and foot.		
3. By burning a piece of magnesium	m in a jar conta	aining carbon dioxide,
the black substance that is form	ed on the wall	of the tube is
a. magnesium oxide.	b. carbon.	
c. calcium carbonate.	d. manganes	e dioxide.
4. The fastest metal in conducting		
a. aluminium. b. iron.	c. copper.	d. wood.
[B] Give reasons for :		
1. Plastic and wood are used to ma	ake handles of	cooking pots.
	The state of the s	************************************
Oxygen is collected by downwar	d displacemer	it of water
	and the second s	
	F-1200/2	
[A] Write the scientific term :	in the state of	
The amount of matter in an object		(
2. The degree of hotness or coldne	SS of a bod.	(

	3. It is the layer that protects the Earth from harmful radiation that	
	comes from the Sun.	()
	An organ that is responsible for reflex action.	()
[8	1. No spaces are left between railway bars. 1. No spaces are left between railway bars.	
	There is no constriction in the medical thermometer.	
3. [/	A] Complete the following :	
	Manganese dioxide acts as a in the preparation of oxyg in the lab.	en
	The spring scale is used to measure of the body, but the scale is used to measure of the body.	e balance
	The gravitational force on a balloon when the distant the balloon and the center of the Earth decreases.	ce between
	4 gas is called azote gas that means lifeless gas.	
[8	B] Mention one function (use) of :	
	The medical thermometer.	
	2. Oxyacetylene flame.	
	3. Cerebellum.	
	4. Skull.	
4. [/	A] Put (✓) or (×):	474. JA
	Heat transfers from cold object to hot object.	()
	Oxygen molecule consists of three oxygen atoms.	()
	3. Newton is the measurement unit of weight.	()
	4. Shoulder belongs to the pelvic girdle.	()
C38_=	#보고 있게 빨리 있습니다. 아버지는 게 하는 사람들이 되었습니다. 그 이 작가 하는 사람들이 모든 사람들이 되었습니다. 하는 사람들이 다른 사람들이 되었습니다.	

h Its weight on the Forth		
b. its weight on the Earth	ງ =	
c. Its weight on the moor	n =	
Giza Governor	rate	Genius Language School
Answer the following question	ns:	
[A] Complete the following	12	
	which equ	uals the weight of an object
in the presence of mo	oination with oxyge isture.	n, butis slow combinatio
which doesn't dissolve	d in water.	lue to the forming of
[B] An object whose mass surfaces of the Earth ar	on Earth is 6 kg. on The moon.	calculate its weight on both
1. Weight on Earth =		
2. Weight on moon =		·······
Z. Weight		
		그는 그 이 그리고 있는 바람이 얼마를 살았다. 그리고 있다.

- [A] Choose the correct ans	wer:	
[A] Choose the correct anso 1. The number of cranial r a. 31	wer : nerves isp b. 23	pairs.

	3. Nitrogen forms an important	part in		
		o. carbohydrate.	c. fats.	
	4 is the fastest eleme	nt in heat conduction.		
	5 K()	o. Aluminium	c. Copper	
[B]	What happens when ?			
	1. Your finger gets pricked by the			
	2. Add yeast to the dough on m	aking bread.		
3. [A	Write the scientific term :	de la composition de la composition della compo	3 H	1
	1. It consists of a gray matter in	n the form of letter (H) su	rrounded by	
	the white matter.		(
	2. The axis of the skeleton in the		(•
	3. It is the degree of hotness of		(•
	4. The automatic response of t	he body to different stimu	ıli. ()
[B]	Give reasons for :			
	1. Mercury is used in making the	nermometer.		
	2. Carbon dioxide is not collect		ater.	
	Z. Carbon diexico is			•••
		ngata causes death		•••
	3. Damage of the medulla oblo			•••
				•••
4. [A]	Put (√) or (x) and correct th	e wrong ones :		
[, 1]	1. The nodular bacteria fix oxyg	en of air in the roots of le	guminous plants	4
	hanne and clover.		V)
	2. The skleleton of the lower lim	b consists of humerus bo	ones, 2 forearm	
	honos of the hand	The second of the control of the con	- L)
	3 Oxygen gas is produced whe	n hydrogen peroxide dis	sociates in	
	the presence of carbon dioxic	ge gas.)
	4. Heat transfers from hot object	t to cold one.)
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1. Write what each label represents in the figure. (a) Is (b) Is 2. Mention the uses of carbon dioxide gas.	Tap-Ot-
Giza Governorate E	Il-Agoza Directorate
swer the following questions :	
[A] Choose the correct answer :	
1. The gas which turns limewater turbid is	· gas.
a. oxygen b. nitrogen c. carbon diox	
2. The ribcage in the human body consists of	of ribs.
a. 10 pairs b. 11 pairs c. 12 pairs	d. 13 pairs
3. The best metal in conducting heat is	2000 Access 1 Service Control
a. aluminium. b. copper. c. iron.	d. wood.
4 nearly equals the mass of one paper	
a. Kilogram b. Gram c. Newton	d. Ton
[B] What is the function of ?	
Celsius thermometer.	
1. Coloide trementes.	
2. Carbon dioxide gas.	
2. Garbon dioxido gab.	
[A] Write the scientific term :	
 The amount of matter in an object. 	()
2. A bony box that contains cavities for eyes, ears	and nose. ()
3. A gas that is the most important part in protein.	()
A flam is used in cutting and welding metals.	()

[B] If the mass of a body on the Earth is 18 kg calculate :	
1. It's mass on the moon =	
2. It's weight on the Earth =	15 897
[A] Complete the following :	
1. The scale of the medical thermometer starts from°C	
and end at ······°C.	
 Oxygen gas is prepared by decomposition of in prese as acatalyst. 	ence of
3. The centers of thinking and memory lie in	
The mass is measured by scale and the weight is me scale.	easured by
[B] Correct the underlined words :	
1. Ozone is composed two oxygen atom.	()
Cerebellum connects the brain with spinal cord.	()
[A] Put (√) or (x):	1 11 1
 The mass of the body changes as its location change. 	()
All materials are good conductors of heat.	()
The spinal cord is responsible for reflex action in human body.	()
Oxygen gas occupies 78% of the atmospheric air.	()
[B] Give reasons for :	, 2
The handles of cooking pots are made of plastic.	
2. Damage of the medulla oblongata causes death.	
Giza Governorate North Giza Directo	orate
	orate
swer the following questions :	orate
swer the following questions :	orate
	(
swer the following questions : [A] Write the scientific term :	((
Swer the following questions : [A] Write the scientific term : 1. The force by which a body is attracted to the Earth.	((

[B] What happens when? 1. Diluted hydrochloric acid	d added to calcium carbo	onate salt.	
2. Iron nails exposed to the			
2. [A] Correct the underlined w	vords :		eda -
Backbone consists of 10			(
Oxygen molecule consi	-	gen.	· (
3. Balance scale is used t			(
4. Water is the liquid that is			(
[B] Give reasons for :			
1. Clinical thermometer ha			
2. Carbon dioxide gas is us	sed in extinguishing fires		-44
3. [A] Complete the following: 1. The catalyst used in the 2 thermometer has 3. The mass of object is no 4. The brain is protected by	preparation of oxygen gas as graduation from 35°C ot affected by changing th	to 42°C.	
[B] Cross the odd word out :			
 Femur bones – Shaft bo Wood – Iron – Glass – F 	ones – Humerus bones – Plastic.	Foot bones.	(······)
4. [A] Choose the correct answ	ver :		
 Oxygen gas is produced a. respiration The weight of object on a. 10 N Cerebrum We feel hotness when 	b. photosynthesis Earth = 60 N, its weight of b. 6 N Prain to the spinal cord. b. Cerebellum	c. 600 N	ig la la oblongata
a. lose heat.	b. gain heat.	c. touch	cold cup.

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-	ın		-v	an	NI.	A t	ion	O
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[B] What is the importance of ?	
Oxy-acetylene flame.	
······································	
2. Celsius thermometer.	
9 Giza Governorate 6th of October Direct	torate
	torate
Answer the following questions :	
1. [A] Complete the following sentences :	
1. The mass measuring device is and its unit is	
2. The axial skeleton consists of and	
Oxygen gas produced from process.	
4. The most abundant gas is	
[B] Correct the underlined words:	
 The number of cranial nerves are 31 pairs. 	()
Legumes fix oxygen from air to form protein.	()
2. [A] Put (✓) or (x):	
Aluminium conduct heat faster than copper.	1 1
2. There is constriction in celsius thermometer.	()
Joint are location of bones meeting.	()
The spinal cord responsible for reflex action.	i i
[B] Give reasons for :	
Handle of cooking pots are made of plastic.	
Mercury is used in making thermometer.	
3. [A] Write the scientific term for each of the following :	
Device used to measure the weight.	
The axis of skeleton of the body.	()
3g. 1948년 1일 - g. 마니마이, 네트를 마다고요요요요요. 그는 이를 하고 있다면 다른 사람들이 다른 사람이 되었다.	()
3. Gas used to put off fire.	()
Materials which don't allow heat to pass through.	()

المحاصد علوم لغات (Notebook) / ۲ ب/ تيرم ۱ (م: ۱٥)

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d. 30 %
d. blue.
ord only.
d spinal cord.
ly.
d lungs.
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alance scale is use
ect
and
i finds
g finds :
g finds :
ì.

2. [A] Write the scientific term :		
1. The most abundant gas in	air.	()
2. The degree of hotness or	coldness of body.	()
3. The location at which bone	es meet each other.	()
`4. The building unit of the ne	rvous system.	()
[B] What happens when ?		
The medulla oblongata is a	damage.	
Sterilize medical thermom	eter with boiling water.	
3. [A] Choose the correct answe	r:	
 Ozone gas formed from ··· 		N 4
 a. three different atoms. 		
2. The liquid which used in m	aking thermometer is	
a. mercury.	b. alcohol.	c. water.
3. The axon terminal form	with other neuron.	
a. nerve	b. joint	c. synapse
4. The weight of object with 2	200 gram mass is	Newton.
a. 2	b. 20	c. 2000
[B] Write one function or use :		
1. Cerebellum		
2. Clear limewater.		
4. [A] Correct the underlined wor	US:	()
1. The number of cranial ner	es is 33 pairs.	
2. The mass of object on mod		
3. Mercury is bad conductors		()
4. The knee is freely movable	e joint.	()
[B] Give reasons for :		
The presence of constriction	on above mercury bulb in	medical thermometer.
9 W.		
2. You have to keep away fro	m tranquilizers and stimul	ants.
· · · · · · · · · · · · · · · · · · ·		

11 Alexandria Governorate

Al-Montazah Directorate

Answer the following questions:	Answer	the	following	questions	:
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1	Complete the following :			
1	1. The human skeletal system consists of and and			
	2. The clinical thermometer is graduated from°C to°C)		
	3. Theis the measurement unit of mass whereas the			
	the measurement unit of weight.			
	4. The number of cranial nerves is and the number of spinal ne	erves		
	is			
	5. From the examples of substances which are bad conductor of heat and	••••••		
	6. Oxygen is produced from process and carbon dioxide produ	iced f	ron	n
	process.	1000		
2	• Write the scientific term of :		_	
	A part of nervous system responsible for reflex action.	,		١
	The liquid used in making thermometers.	(17
	3. A gas used in ammonia industry.	(
	4. The attraction force of the Earth to the body.	(
	5. The location of bones touch and allow moving.	(
	6. It is the degree of hotness or coldness of a body.	(
3	. [A] Put (✓) or (≭):			
	Heat transfers from a cold object to a hot object.	P 12	,	١
	2. Cerebellum contains the center of thinking		(1
#	o. The mass of the body doesn't changes		(1
	4. Oxygen gas is collected by the downward displacement of water.	10 y 1	(1
	[B] Give reasons for :		(,
HO.	Aluminium is used in manufacturing of cooking pans.			
				•••
	2. Carbon dioxide is used to extinguish fires.			
			0.00	

[A] If an object's mass 30 kg. on the Earth and the Earth's gravity is 10 calculate 1. Its mass on the moon surface.
2. Its weight on the Earth.
3. Its weight on the moon.
[B] Look at the opposite figure then write the labels :
2
12 Qalyoubia Governorate Science Inspectorate
Answer the following questions :
1. Mass is constant and not affected by changing
2. Protecting the two lungs and the read.
2. [A] Choose the correct answer: 1. An object whose weight is 20 Newton on Earth, so its mass is equal kg. a. 10 b. 2 c. 200 d. 20
2. We can detect for the presence of carbon dioxide gas by using a solution
of

3. Mercury remains in liquid state between °C.	
a. 39: 357 b39: -357 c39: 357 d. 39:	375
4. The device of meausring weight is	
a. balance scale. b. spring scale.	
c. one arm scale. d. digital scale.	
[B] Give reasons for :	
Oxygen is collected by downward displacement of water.	***************************************
Damage of the medulla oblongata causes death.	***************************************
2. Damage of the medalia oblongula oddses death.	
3. [A] Put (✓) or (x) and correct the wrong one :	
 Handles of cooking pots are made of aluminium. 	(
The used liquid in making the celsius thermometer is mercury	. (
Oxygen gas is prepared from hydrogen peroxide in the prese	nce
of catalyst.	(
 Nitrogen is colorless, tasteless, odorless gas and dissolves in water easily. 	(
[B] What happens when ?	
All the bones of the human body without joints.	
, and joined.	
There is no constriction in the medical thermometer.	
4. [A] Write the scientific term :	
Part of the nervous system responsible for reflex actions.	1
2. A gas used by legumes in formation of its proteins	(
3. The flame which is used for cutting and welding metals	(
4. It consists of skeletal and muscular system.	(
[B] Mention one function for :	
1. Air in the double glass window.	
2. Dendrites in the nerve cells.	******

Answer t	he t	folle	owing	quest	ions	:
----------	------	-------	-------	-------	------	---

13 Menofia Governo	orate Shebie	n El-Koum Directorate
Answer the following question	is:	
1. [A] Choose the correct answ	wer:	
1. The gravitational force		
a. 20	b. 2	c. 10
2. The liquid metal that ca	n be seen easily through	the thermometer glass
isa. water.	b. ethyl alcohol.	c. mercury.
Description of the second	arth from harmful radiation b. Ozone layar	that comes from the Sun c. Oxygen gas
 Secreting saliva on see a. reflex action. 	eing or smelling good food b. nervous tension.	is an example of
[B] Compare between :		
Points of comparison	Celsius thermometer	Medical thermometer
Range of scale :		SAMMAN AND AND AND AND AND AND AND AND AND A
Used liquid :		3
2. [A] Complete :		

2	[A] Complete :
	1. Mass is the amount of matter that body contains, it does not change
	according to
	2 conducts heat faster than aluminium and iron.
The state of the s	3. Small amount of nitrogen are used to fill some types of
	4. The basic structure unit of the nervous system is
	[B] Mention the scientific term :
	Material that does not let heat flow through.
	2. A chemical substance remains without change in its quantity and
Ì.	properties such as manganese dioxide. (

Mine.		
3. [A	[Correct the underlined words :	
	1. The joint is the location at which made a	(
	2. The mass of matter is decreased after combination with oxygen.	(
	3. Handles of cooking pots are made of copper.	(

		different from the mass on the moon.
	easons for :	
	window is made by bonding two ace between them filled with air	o sheets of glass and maintaining r.
2. Clea	r limewater becomes turbid who	en carbon dioxide gas pass in it.
[A] Choos	e from column (B) what suits	it in column (A) :
	(A)	(B)
ver 2. Car 3. The 4. The	e backbone consist of tebrae. bon dioxide is than air. water freezes at force which attracts a body to Earth is	a. weight b. lower c. zero°C d. 12 e. heavier f. 33
1. Ther	2eappens when ? e isn't a constriction above the t is added to dough during mak	bulb in medical thermometer. ing bread.
[B] What h	e isn't a constriction above the	bulb in medical thermometer. ing bread.
[B] What had the second	e isn't a constriction above the tis added to dough during mak	bulb in medical thermometer. ing bread.
[B] What had a second s	e isn't a constriction above the t is added to dough during make table. Callia Governorate ollowing questions:	bulb in medical thermometer. ing bread.

[B] Complete the following table :

Points of comparison	Medical thermometer	Celsius thermometer
Scale :		
Constriction:		

2. [A] Put (✓) or (×):	
1. Mass of an object on the Earth equal six times its mass on t	he moon. (
All metals are good conductors of heat.	(
Plants absorb carbon dioxide and nitrogen gases from air.	(
Knee joint is a freely movable joint.	()
[B] Give reasons for :	
1. In winter we wear wool clothes.	
Clear limewater becomes turbid when carbon dioxide passes	s in it.
3. [A] Write the scientific term :	
1. The measurement unit of weight which is almost equal to a m	nass 100 grams.
	()
The materials that don't allow the flow of heat inside.	()
3. Slow combination between oxygen gas and some elements	in the presence
of moisture.	()
4. Structure regulates the movement and function of the digest	ive system.
	()
[B] What happens when ?	
Sterilize the medical thermometer using boiled water.	
Insert a light magnesium ribbon in a cylinder filled with carbo	on dioxide gas.
4. [A] Choose the correct answer :	
1. Mass of an object on the Earth is 6 kg so its weight on the E	arth.
Newton and on the moon Newton.	
a. 6 – 1 b. 10 – 6 c. 60 – 10	d. 1 – 6

2	····· is bad	conductor of he	at.		
To de la constant de	uminium	b. Iron		c. Mercury	d. Air
		most important	part of		
a. fat				b. proteins.	
c. wa	ater.			d. carbohyd	rates.
4. Numb	per of cran	nial nerves is	nerve	S.	
a. 31		b. 42		c. 62	d. 24
[B] 1. What	is meant	by temperatur	e ?		
2. Whic	h method	I that used to c	ollect oxyg	en gas and C	CO _o from the
	wing figur		omoot ony g	on guo una c	o z nom the
	1				
	000				
					-
	Figure	(1)	Figure (2)	Eiguro /2)
	Figure	1000	Figure (2)	Figure (3)
a. Ox		(1) gure			Figure (3)
a. Ox		1000			
	vygen : Fig	1000			le: Figure
5 Sha	kygen : Fig orkia Go	overnorate		arbon dioxid	le: Figure
Sha	kygen : Fig Irkia Go Ilowing q	overnorate uestions:		arbon dioxid	le: Figure
Shanswer the foliation [A] Complete	kygen : Fig Irkia Go Ilowing qu te the follo	overnorate uestions:	b. C	Science Ins	le: Figure
Sha swer the for [A] Complet 1	rkia Go llowing que te the following	overnorate uestions: owing: ometer used to	b. Commeasure the	Science Ins	le: Figure
Shanswer the following [A] Completed 1	rkia Go Ilowing quante the following thermo	overnorate uestions: owing: ometer used to recommend to	b. Commeasure the measure the	Science Ins	e of liquids, while
Shanswer the following [A] Completed 1	rkia Go Ilowing quante the following thermo	overnorate uestions: owing: ometer used to recommend to	b. Commeasure the measure the	Science Ins	le: Figure
Shaswer the following the same of the same	rkia Go Ilowing que te the following the the following the modern the following gas us	gure	measure the measure the ry ice while	Science Insetemperature temperature gas i	e of liquids, while of human being.
Shaswer the formula in the second sec	Ilowing que te the following the the following thermo	gure	measure the measure the ry ice while ont, while the	Science Instead	e of liquids, while of human being.
Sha swer the for [A] Complet 1	Irkia Go Ilowing quante the following thermoler thermoler derignized as the following as using the following the followi	gure vernorate uestions: owing: ometer used to resed in making drested by	measure the measure the ry ice while ont, while the	Science Instead	e of liquids, while of human being.
Shares Shares Shares Should A. Massing Should Shares Share	te the following que the the following derign thermoles as used to the following derign the f	gure vernorate uestions: owing: ometer used to resed in making drested by	measure the measure the ry ice while ont, while the	Science Instead	e of liquids, while of human being.
Shares Shares Shares Should A. Massing Should Shares Share	Irkia Go Ilowing quante the following thermoler thermoler derignized as the following as using the following the followi	gure vernorate uestions: owing: ometer used to resed in making drested by	measure the measure the ry ice while ont, while the	Science Instead	e of liquids, while of human being.
Shares Shares Shares Should A. Massing Should Shares Share	te the following que the the following as us der joint from the conductor	gure vernorate uestions: owing: ometer used to resed in making drested by	measure the measure the ry ice while ont, while the	Science Instead	e of liquids, while of human being.
Sha swer the for [A] Complet 1	te the following que the the following as us der joint from the conductor	gure vernorate uestions: owing: ometer used to resed in making drested by	measure the measure the ry ice while ont, while the	Science Instead	e of liquids, while of human being.

2. [A] Choose the correct ans	swer:		
1. An object whose weigh		arth, its mass is equa	al to
a. 2kg.	b. 10kg.	c. 2kg. d. 2	00kg.
Carbon dioxide passe	s through clear limew	ater forming	· that
insoluble in water.			
a. calcium carbonate		 b. calcium hydroxide 	9
c. magnesium oxide		d. carbon	
3is a part of hu	ıman nervous system	n which responsible for	or reflex
actions.			(aaalaaysaa
a. Brain	b. Spinal cord	c. Nerves d. C	erebrum
4. Mercury remains liquid		1 0700 1 2E7°C	
a. – 39°C and 375°C.		b. 37°C and 357°C.	°C
c. 39°C and 357°C.		d. – 39°C and – 357	U .
[B] Give reasons for :			
1 Ovvgen is collected b	y downward displace	ment of water.	
	••••••••		
2. The capillary tube of r	medical thermometer	contains constriction.	
			įš.
3. [A] Write the scientific ter	m:		()
1. Slow combination bet	ween oxygen and ele		
2. The gravitational force	e by which the body a	ittracted to the Earth.	()
3. A part of brain which i	responsible for body b	palance.	()
4. Materials that allow h	eat to flow through.		()
[B] What happens when 1. Technicians don't leave	ve space between rail	way bars.	
1. Technicians don tieat			
2. Carbon dioxide gas p	ercentage increase in	atmosphere.	
2. Carbon dioxide gas p			
			N. V. S.
4. [A] Put (√) or (×):			
the factost	metal in conducting h	eat.	
o n of upper limbs	belongs to axial show	Otorn.	
	ZOTO WINCH INCOMS INC	gue.	()
Nitrogen gas called a. The axon of the neuron	on is covered with gel	atinous layer called	
myelin sheath.			
			123

[B] C	cross out the odd word :	
1	. Iron - Plastic - Copper - Aluminium.	()
	. Forearm bones - Shaft bone - Hand bones - Hummers bone.	()
	. Help in burning – Easily dissolves in water – Heavier than air	
	- Represent 21 %	()
4	. Spring scale – Sensitive scale – Digital scale – Scale with pointer.	()
	. Opining sould Densitive sould Digital sould	. 2
16	Gharbia Governorate Science Inspectora	te
Answer	the following questions :	
1. [A] C	complete the following :	
7	. The gravitational force for a balloon when the distance b the balloon and center of the Earth increases.	etween
	. We use to sterilize the medical thermometer is the rapid combination between oxygen and elements	s producing
	heat and light.	
4.	. The brain and the spinal cord represent	Mit.
	ive reasons for : . We can't measure the boiling point of water by using the medical the	ermometer.
2.	. Mercury gives wide range to measure the temperature.	
2. [A] W	Vrite the scientific term :	yh
	The measuring unit of weight that is almost equal to the weight of whose mass is 100 grams.	an object
	An indicator helps us to express the state of the body from the po- hotness or coldness.	int of ()
3.	A chemical substance that remains without any change in its quantity and properties during the chemical reaction.	` ()
4.	'보고싶는 이번 2010 전 '집 '집 '집 보다는 '이로 개최되었다는 물건 그녀육의 경화되어 이 그는 대접하여 하시다. 하시 기술을 보고 있다.	()
12 ET	hat happens when ?	
1.	There are no spaces between the railway bars.	
2.	Hydrogen peroxide is dropped over manganese dioxide.	



3. [A]	Correct the	underlined	words

- An object's mass on the Earth's surface is 6 kg. so its weight on the moon's surface is 600 Newton.
 The medical thermometer has a capillary tube to prevent
- 2. The medical thermometer has a <u>capillary tube</u> to prevent mercury from going back quickly to the mercury bulb. (.....)
- 3. Ozone molecule is composed of two hydrogen atoms and one oxygen atom.
- 4. The <u>medulla ablongata</u> is responsible for keeping balance of the human body during its movement. (.....)

[B] What is the importance of ... ?

- Celsius thermometer.
- Yeast in making bread.

4. [A] Choose the correct answer :

- 1. The device of measuring weight is
 - a. sensitive scale.

b. spring scale.

c. digital scale.

- d. double pans scale.
- 2. The best metal in conducting heat is
 - a. aluminium.
- b. iron.
- c. copper.
- d. mercury.
- 3. Nitrogen is considered the main component of
 - a. starch.
- b. fats.
- c. proteins.
- d. oils.
- 4. The centers of thinking and memory lie in
 - a. medulla oblongata.

b. spinal cord.

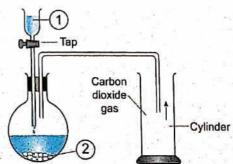
c. cerebellum.

d. cerebrum.

[B] Look at the following figure, then:

- 1. Write what represent each label on the figure :
 - a. Liquid ① is
 - b. Substance ② is
- 2. What is meant by ···?

Heat conductors.



Damietta Governorate

Science Inspectorate

Answer	he following questions :	
1.	weight is measured by using The hydrogen peroxide decomposed into oxygen and water in the presen	ce
3. 4. [B] M	of The structure that lies in front of the cerebellum is called conducts heat faster than aluminium. ention one function: Bad conductors of heat (plastic and wood).	
2.	Celsius thermometer.	
1 2 3 4 [B] W 1.	rite the scientific term: A flam used in cutting and welding metals. The liquid used in making thermometers. Axis of the skeleton in the human body. The force by which a body is attracted to the Earth. nat happens when? A medical thermometer is put in boiled water. Oxygen reacts with nitrogen during lightning.	·)
2.	The weight of any body =	

c. humerus

d. femur

4. The melting po a. 0°C	b. 100°C	c. 37°C	d. 42°C	
[B] Give reasons fo	r:			
	s very important for th	ne life of all livin	g organisms.	
	nstriction in the medic			
**************************************			***************************************	**************************************
4. [A] Correct the unc	derlined words :			
	egree of hotness or co	oldness of a boo	dy.	()
2. An object who	ose weight is 20 Newt	on on Earth, so	its mass equa	ıls <u>10 kg</u> .
				()
3. Oxygen is pro	oduced during respira	ition process.		()
	ow are freely movab			()
[B] 1. How can you	u obtain carbon diox	ide from calci	um carbonate	?
2. How can yo	u sterillized medical	thermometer	?	
18 Kafr El-Shei	kh Governorate	Des	ouk Directorat	e
Answer the following	questions :			
1. [A] Complete the	following:	1 1 0 9 5 C		
1. Theunit of weigh	is a measuring unit of t.			easuring
2. Oxygen is co	onsumed during	and	···· processes.	
3. The central r	nervous system consis	sts of	and	
4. Exhaled air o turbid.	contains a large amou	nt of ······ ç	gas that makes	,

2. There are cartilages between verteb	rae.	
There are carmages between remain		
A1 Channel		
A] Choose the correct answer :		
 The temperature is measured by usin a. barometer. b. thermometer. 	g a device called c. voltameter.	
Nitrogen represents of the a. 87% b. 21%	Earth's atmosph c. 0.03%	ere. d. 78%
3 is responsible for the reflex	action.	
a. Cerebrumc. Medulla oblongata	b. Cerebellumd. Spinal cord	
4. Three Newton equal the weight of ar	Committee of the Commit	ass is
a. 100 gm. b. 1000 gm.	c. 300 gm.	d. 3000 gm.
B] If the mass of an object on Earth's s	urface is 30 kg	
Object's mass on moon.	arrade is so kg.	calculate ;
······································		
2 Object's weight on the Faul		
2. Object's weight on the Earth.		
A DESCRIPTION		
2. Object's weight on the Earth.		
Object's weight on the Earth. A] Write the scientific term: 1. Materials that allow heat to flow through	ugh	
2. Object's weight on the Earth.	ugh, e the rate of cher	
2. Object's weight on the Earth. A] Write the scientific term: 1. Materials that allow heat to flow through the control of	e the rate of cher	nical (·······
2. Object's weight on the Earth. A] Write the scientific term: 1. Materials that allow heat to flow through the control of	e the rate of cher	nical `
2. Object's weight on the Earth. A] Write the scientific term: 1. Materials that allow heat to flow through the scientific term: 2. Chemical substance used to increas reaction. 3. The building unit of nervous system. 4. It is equal to the mass of one liter of the scientific term:	e the rate of cher	nical (·······
2. Object's weight on the Earth. A] Write the scientific term: 1. Materials that allow heat to flow through the sciential substance used to increas reaction. 3. The building unit of nervous system. 4. It is equal to the mass of one liter of the sciential substance.	e the rate of cher	nical (·······
2. Object's weight on the Earth. A] Write the scientific term: 1. Materials that allow heat to flow through the scientific term: 2. Chemical substance used to increas reaction. 3. The building unit of nervous system. 4. It is equal to the mass of one liter of the scientific term:	e the rate of cher	nical (·······
2. Object's weight on the Earth. A] Write the scientific term: 1. Materials that allow heat to flow through the sciential substance used to increas reaction. 3. The building unit of nervous system. 4. It is equal to the mass of one liter of the sciential sciential system. B] Mention the use of: 1. Spring scale.	e the rate of cher	nical (·······
2. Object's weight on the Earth. A] Write the scientific term: 1. Materials that allow heat to flow through the sciential substance used to increas reaction. 3. The building unit of nervous system. 4. It is equal to the mass of one liter of the sciential substance.	e the rate of cher	nical (·······
2. Object's weight on the Earth. A] Write the scientific term: 1. Materials that allow heat to flow throw the control of th	e the rate of cher	nical (·······
 2. Object's weight on the Earth. A] Write the scientific term: Materials that allow heat to flow throw Chemical substance used to increas reaction. The building unit of nervous system. It is equal to the mass of one liter of the liter of the liter of the liter. B] Mention the use of: Spring scale. Carbon dioxide. A] Put (√) or (x): Heat is the degree of botheses 	e the rate of cher	mical ((
2. Object's weight on the Earth. A] Write the scientific term: 1. Materials that allow heat to flow throw the control of th	e the rate of cher	mical ((

2. Shoulder	becomes slightly mo	vable joints.	
9 Behira	a Governorate	Kafr El-Dawar	Directorate
nswer the follow	ving questions :		
1. Water is f 2. The perce 3. Skull joint 4. Mercury r	entage of carbon diox ts are joints remains in a liquid sta and an	C and boiled at°C ide gas in atmospheric air	is % temperature whic
[B] What happe	ens when ?		
1. Yeast is a	added to dough during	making bread.	
2. The cereb	bellum is shocked har	dly.	
[A] Write the se	cientific term :	List is almost equal to a n	nass 100 am
1. The meas	suring unit of weight w	hich is almost equal to a n	(
	ment used for measur	ing the temperature.	(
2 An instrum	Herit used for mode	1	(
2. An instrum	structure unit of nerv	ous system.	200 T : 그렇게 그렇게 되는 .
3. The basic	structure unit of nerv	ow through.	(
The basic Materials	that do not let heat flo	ow through.	(
3. The basic 4. Materials [B] Mention the	that do not let heat floe main idea of makin	ow through. g thermometer:	(
3. The basic 4. Materials [B] Mention the	that do not let heat flo	ow through. g thermometer:	(
3. The basic 4. Materials [B] Mention the	that do not let heat floor main idea of making underlined word in	ow through. g thermometer:	: (

	3. The nodular bacte atmospheric air.	ria of leguminous	plants such as bear	n fix <u>oxygen</u> in the
	Oxygen combines a black substance		agnesium ribbon for	,
[B	Give reasons for : 1. There is a constrict	ction in the medica	al thermometer.	3
	Oxygen is collected preparation at the	laboratory.	nt of water downward	
4. [A] Choose the correct	t answer :		eresis qui su
	1 is a bad o	onductor of heat.		
	A CONTRACTOR OF THE CONTRACTOR	b. Aluminium	с. Аіг	d. Iron
	Nitrogen is the ma			
	a. proteins.	b. fats.	c. carbohydrates.	d. water.
	3 is/are fro	om the component	of neuron.	
	a. Blood vessels	3 7		d. Axon
	4. The graduation of		eter is between	°C
	a. 42 : 35	b. 35 : 37		d. 37:42
[B] An object's mass = 1. Its mass on moon		rth's surface. calcu	
	2. Its weight on the E	arth.		
20	Ismailia Gove	ernorate	Science Ins	pectorate
Answ	ver the following que	stions :		Section * All parts
1. [A	Complete the follow	ring :		
	1. The water freezes		oils at	
	The number of ver of ribs of ribcage is	tebrae of vertebra	l column is,	
	Mass is measured scale.	by scale		
	4. In photosynthesis gas.	process, the plant	consumed	gas and produced

[B] Compare between:

1. Medical thermometer and celsius thermometer according to the constriction.

Point of comparison	Medical thermometer	Celsius thermometer
Constriction :		

Heat conductors and heat insulators according to definition.

Point of comparison	Heat conductors	Heat insulators
Definition :		

2	. [A	Correct	the	underlined	words	
	2.00	The state of the s	1 2 2 2 2 2 2			

- 1. Legumes such as clover benefit from oxygen to make protein.
- 2. An object whose mass is 25 kg its weight equal 200 N. (....)
- (....) 3. Medulla oblongata controls the reflex action.
- 4. Iron is faster than aluminium in conduction of heat.

[B] What is the the importance of ...?

- Ozone layer.
- 2. Heavy blankets and woolen clothes.

3. [A] Write the scientfic term :

- 1. Joints which allow movement in one direction. (....)
- 2. The slow combination between oxygen and elements in presence of moist air.
- 3. The force by which a body is attracted to the Earth.
- 4. The degree of hotness or coldness.

[B] Look at the following figures then answer:

- 1. Figure (a):
 - a. This apparatus used to prepare gas.
 - b. This gas is collected by

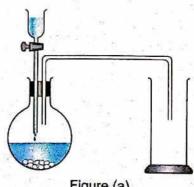


Figure (a)

2. Figure (b): What will happen when	n object (A) to	ouches object (B) ?	Object Object B 70°C 20°C
			Figure (b)
[A] Choose the correct ans	swer:		
1. The cerebellum is resp	onsible for		
a. thinking.		b. the body balance	ce.
c. regulating the hearth	peats.	d. memory.	
2. When carbon dioxide g	as is passed	in limewater, it becor	nes turbid due to
formation of			
a. calcium carbonate.		b. calcium bicarbo	nate.
c. hydrochloric acid.		d. sodium bicarbo	nate.
3. The medical thermome	eter is used in	measuring the temporal	erature of
	weather.	c. the human body	
4. The object weight			
a. decreases		b. increases	
c. still constant		d. decreases then	increases
Mercury gives a wide ra Manganese dioxide act			f oxygen.
Bani Suef Govern	orate	Beba Dire	ctorate
nswer the following question	ıs:		
[A] Choose the correct answer	wer:		
 The device of measuring 	ng weight is		
a. sensitive scale. b. s	spring scale.	c. one arm scale.	d. digital scale.
The gas turbid limewate	er is	gas	el a lite
a. oxygen b. o	ozone	c. nitrogen	d. carbon dioxide
Nitrogen gas represent	s of	the air volume.	
a. 78% b. 8	87%	c. 21%	d. 50%
4. One of the slightly joints	s are		
a. elbow. b. s	shoulder.	c. thigh.	d. wrist.

2. Medical thermometer.	a		
			••
[A] Put (√) or (x):			
1. Oxidation is a rapid combination o	bject with oxygen.	(
2. Spinal cord responsible for reflex		í	
3. One newton equal 100 gram.		į	
Copper is fastest element to cond	uct heat.	(
[B] Give reasons for :			
Cooking pots made up of aluminiu	m.		
			•••
2. Carbon dioxide is used in extinguis	shing fires.		
Water and the same of the same			
[A] Choose from column (B) what suit	ts it in column (A) :		_
[A] Choose from column (B) what suit	ts it in column (A) :		(C. 12)
	y value Same fill as the		(0.5 kg)
1. The back bone	(B)		(A) (A)
(A)	(B) a. falling rains and snow.		
1. The back bone 2. Ribcage	a. falling rains and snow. b. opposite for respiration.		
1. The back bone 2. Ribcage 3. Photosynthesis	a. falling rains and snow. b. opposite for respiration. c. 33 vertebra.	4	
(A) 1. The back bone 2. Ribcage 3. Photosynthesis 4. Air pollutants 1	a. falling rains and snow. b. opposite for respiration. c. 33 vertebra. d. protects heart and lungs.	4	
(A) 1. The back bone 2. Ribcage 3. Photosynthesis 4. Air pollutants 1	a. falling rains and snow. b. opposite for respiration. c. 33 vertebra. d. protects heart and lungs.	4	
(A) 1. The back bone 2. Ribcage 3. Photosynthesis 4. Air pollutants 1	a. falling rains and snow. b. opposite for respiration. c. 33 vertebra. d. protects heart and lungs.	4	
(A) 1. The back bone 2. Ribcage 3. Photosynthesis 4. Air pollutants 1	a. falling rains and snow. b. opposite for respiration. c. 33 vertebra. d. protects heart and lungs.	4	
(A) 1. The back bone 2. Ribcage 3. Photosynthesis 4. Air pollutants 1	a. falling rains and snow. b. opposite for respiration. c. 33 vertebra. d. protects heart and lungs.	4.	
1. The back bone 2. Ribcage 3. Photosynthesis 4. Air pollutants 1	a. falling rains and snow. b. opposite for respiration. c. 33 vertebra. d. protects heart and lungs.	4	
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(A) 1. The back bone 2. Ribcage 3. Photosynthesis 4. Air pollutants 1	a. falling rains and snow. b. opposite for respiration. c. 33 vertebra. d. protects heart and lungs.	4	
1. The back bone 2. Ribcage 3. Photosynthesis 4. Air pollutants 1	a. falling rains and snow. b. opposite for respiration. c. 33 vertebra. d. protects heart and lungs.	4.	



[B	Correct the underlined words :		
	1. Kilogram equals the mass of or	ne paper clip.	()
	2. The melting point of ice is 100°C	3.	(·······)
	3. Cerebrum control body balance).	()
	4. Light is a form of energy transfer	er from higher temp	erature
	to lower temperature.		()
d a			
22	Minia Governorate	St.	Mark Schools
Ansı	wer the following questions :	10 10 10 10	1- 1- 1
1. c	hoose the correct answer :		
	1. The weight of any body	· by increasing its m	nass.
		c. still constant	d. no correct answer
	2. Which of the following is the fas		
	a. Copper. b. Iron.	c. Aluminium.	d. Glass.
	3. We should sterilize the medical		
	a. ethyl alcohol. b. boiling water		d. water.
	4. Hydrogen peroxide is used in pr		
		c. nitrogen	d. carbon dioxide
	5. The gas which makes limewater		d. darbott dioxido
		c. carbon dioxide.	d. ozone.
	6 controls the reflex action		d. dzone.
	a. Spinal cord b. Cerebellum		d. Brain
2. [/	A] Complete the following stateme		
	Mass is measured bysc scale.	cale, whereas weight	t is measured by
ĸ.	2 and are some	usages of good hea	at conductors.
	Carbon dioxide gas is prepared over	in laboratory by dro	pping
	4. The central nervous system con	sists of and	d
[8	I] Classify each of the following jo		
	1. Knee joint.		()
	2, Shoulder joint.		()
E 71	보다 그리게 다음이 대답하셨다고 있는데 그를 먹었다. 1110의 기가 그림은 걸린	ACCES TO THE WARRIES OF THE PARTY OF	사람들이 어떻게 되었다. 그 사람들이 되었다. 그

1. Skull	function of?		
2. Cere			
[A] Write t	he scientific term	:	
1. The	force with which a t	oody is attracted to the Ea	rth. (
2. The	gas that forms 21%	of the volume of air.	(
3. A ga	s that is called azot	e which means lifeless.	(
4. Linke	ed to the brain thro	ugh the spinal cord and is	
invo	luntary actions.		(
B] If an ol	bject's its mass 30	kg on the Earth, calcula	ate:
1. Its m	nass on the moon.		
2. Its w	eight on the Earth.		1 2 8 2
of Direct	easons for :		
1. Cart	oon dioxide is used	in extinguishing fires.	
2. The	backbone is very in	nportant.	

[A] Comp	are between the m	edical thermometer and	celsius thermometer
Poin	ts of comparison	Medical thermometer	Celsius thermometer
FOIII	is of comparison		
1. Sc	ale :		
1			
2. Us	age:		
3. Us	ed liquid :		

	Put (✓) or (x):				
	 Kilogram nearly equals the mass of one paper clip. 	()		
	2. All metals are good conductors of heat.	()		
T 5 g	3. Oxygen combines with burning magnesium ribbon forming a white				
	substance.				
- [4. There are 12 pairs of spinal nerves and 31 pairs of cranial nerves.	()		
	Mention two uses of carbon dioxide gas.				
	1	•••••			
	2				
1					
23	Assiut Governorate Manflout Directorate				
Answe	er the following questions :				
1. [A]	Complete the following :				
Vi ore	Complete the following: 1. The weight of the body is measured by				
	그는 사람들이 아니다 아니라 그 아무리는 그는 그들은 그들은 그들은 사람들이 가지 않는데 그리고 있다.				
	1. The weight of the body is measured by				
	The weight of the body is measured by The gas used to filling car tiers.				
	The weight of the body is measured by The gas used to filling car tiers. All metals are conductors of heat.				
	1. The weight of the body is measured by				
	1. The weight of the body is measured by				
[8]	1. The weight of the body is measured by				
[8]	1. The weight of the body is measured by				
[B]	1. The weight of the body is measured by				
[B]	1. The weight of the body is measured by	(
[B]	 The weight of the body is measured by	(
[B]	 The weight of the body is measured by	(((
[B]	 The weight of the body is measured by	(((()		
[B]	 The weight of the body is measured by	((((······································		

[A] Write the scientif	ic term :		
 An organ respor 	nsible for the refle	x actions of body.	(
2. A flame used in	7 0 5 8	3 7	(
3. Materials that do			(
4. The amount of r	natter in an objec	t	(
[B] Give reasons for	:		
1. Ozone layer is v	ery important for	our life.	
2. Brain is located	inside the skull.		
* *			
[A] Choose the corre			
		rmometer is	
		rmometer is	d. oil.
1. The used liquid	in the celsius the	c. mercury.	d. oil.
 The used liquid a. alcohol. is bad a. Copper 	in the celsius the b. water. conductor of heat b. Glass	c. mercury. c. Iron	d. Aluminium
 The used liquid a. alcohol. is bad a. Copper 	in the celsius the b. water. conductor of heat b. Glass	c. mercury.	d. Aluminium
 The used liquid a. alcohol. is bad a. Copper resport 	in the celsius the b. water. conductor of heat b. Glass	c. mercury. c. Iron	d. Aluminium dy.
 The used liquid a. alcohol. is bad a. Copper resport 	in the celsius the b. water. conductor of heat b. Glass asible for involuntation b. Cerebellum	c. mercury. c. Iron ary processes of the boo c. Medulla oblongata	d. Aluminium dy.
 The used liquid a. alcohol. is bad a. Copper resporta. Spinal nerve 	in the celsius the b. water. conductor of heat b. Glass asible for involuntation b. Cerebellum	c. mercury. c. Iron ary processes of the boo c. Medulla oblongata	d. Aluminium dy.
1. The used liquid a. alcohol. 2 is bad a. Copper 3 respor a. Spinal nerve 4 gas us a. Oxygen	in the celsius them b. water. conductor of heat b. Glass asible for involunta b. Cerebellum sed in extinguished b. Methan	c. mercury. c. Iron ary processes of the boo c. Medulla oblongata d firs. c. Nitrogen	d. Aluminium dy. d. Brain
1. The used liquid a. alcohol. 2 is bad a. Copper 3 respor a. Spinal nerve 4 gas us a. Oxygen [B] Look at the figur	in the celsius the b. water. conductor of heat b. Glass sible for involunta b. Cerebellum sed in extinguished b. Methan e, then answer:	c. mercury. c. Iron ary processes of the boo c. Medulla oblongata d firs. c. Nitrogen	d. Aluminium dy. d. Brain d. Carbon dioxid
1. The used liquid a. alcohol. 2 is bad a. Copper 3 respor a. Spinal nerve 4 gas us a. Oxygen	in the celsius the b. water. conductor of heat b. Glass sible for involunta b. Cerebellum sed in extinguished b. Methan e, then answer:	c. mercury. c. Iron ary processes of the boo c. Medulla oblongata d firs. c. Nitrogen	d. Aluminium dy. d. Brain d. Carbon dioxid

<u>a</u>	9.	
24	Sohag Governo	rat
Answ	er the following question	15:
1. [A]	1 is a good condo a. Glass 2 protects the E a. Carbon dioxide gas	duc b. artl
	The cerebellum is resp a. voluntary actions.	
del	The amount of matter i a. mass.	n a b.
IB1	If an object's mass = 30	ka.

Science Inspectorate

1. [A]	Choose the correct ans	wer:		
	1 is a good cond			
	a. Glass		Wood	
	protects the E a. Carbon dioxide gas		n that comes from the Sun Oxygen gas	į
	3. The cerebellum is resp			
	a. voluntary actions.		keeping the body balanced	d.
	The amount of matter in a. mass.	n an object is	weight.	
[B]	If an object's mass = 30 1. It's weight on Earth = 2. It's weight on moon =			
2. [A]	Put (√) or (x): 1. Nitrogen gas occupies			
	Put (√) or (x): 1. Nitrogen gas occupies 2. Mass is measured by N 3. The number of cranial 4. Heat transfers from hole Compare between celsi	78% of the atmosphere at Newton. nerves is 31 pairs. t object to cold one. us thermometer and me	ir components. ((((dical thermometer:)))
	Put (√) or (x): 1. Nitrogen gas occupies 2. Mass is measured by N 3. The number of cranial 4. Heat transfers from hot	78% of the atmosphere at Newton. nerves is 31 pairs. t object to cold one. us thermometer and me	ir components. ((()))
	Put (√) or (x): 1. Nitrogen gas occupies 2. Mass is measured by N 3. The number of cranial 4. Heat transfers from hole Compare between celsi	78% of the atmosphere at Newton. nerves is 31 pairs. t object to cold one. us thermometer and me	ir components. ((((dical thermometer:))))
	Put (√) or (x): 1. Nitrogen gas occupies 2. Mass is measured by N 3. The number of cranial 4. Heat transfers from hor Compare between celsi Points of comparison	78% of the atmosphere at Newton. nerves is 31 pairs. t object to cold one. us thermometer and me	ir components. ((((dical thermometer:))))

[A] Complete the following :		
The device of measuring mass is		
 The knee joints is form of joints. Oxygen gas is collected by displacing 		rd
4. In process plants absorb car		
[B] What is the name of the figure ?	(b)	(a)
Label the figure :		
<u> </u>		
Б		1
Qena Governorate	Qena Direc	ctorate
23		
nswer the following questions :		
[A] Complete the following :	ESONS PER N COM	
Mass is measured by scale, scale.		
The scale of medical thermometer sta °C.		
3. Oxygen is prepared by decompositio	n of in prese	ence of
The main control center in your body a bony case called	is and it is t	found inside
[B] An object, its weight on moon's surfa	ace is 10 Newton. ca	alculate :
1 Its weight on the Earth's surface.		0 10 10 10 10 10 10 10 10 10 10 10 10 10
2. Its mass on the Earth's surface.		
[A] Choose the correct answer:	le they	
1. As a result of heat flow through meta	c. constant.	d. (a) and (b)
a. expand. b. contract.		1007100 71
Carbon dioxide gas evolves by adding a solution of the so	b. calcium ca	rbonate.
a. calcium oxide.	d. calcium ch	
c. calcium hydroxide.		

Reflex action takes place through			
 a. medulla oblongata. b. cerebrum. 	c. cerebellum.	d. spinal	cord.
4. Femur bone is attracted to			
a. shoulder. b. pelvic.	c. ribecage.	d. humer	JS.
[B] What happens when ?			
1. A body moves away from the center of	of the Earth.		
2. Medical thermometer is put in boiled	water.		
3. [A] Write the scientific term :		, Millian	12-6
1. A gas composed of three oxygen ator	ms.	()
2. The amount of matter in an object.		(······)
3. The location at which bones meet each	ch other.	()
4. A gas that composes the protein subs	stance that builds up		
out bodies.		()
[B] Give reasons for each :			
Copper is good conductor of heat.			
Cerebellum is very important for huma	an body.		
4. [A] Put (√) or (x) in front of the followin	g:		
 Knee is freely movable joint.)
2. Heat transfers from cold object to hot	object.	()
Backbone consists of 33 vertebrae.		()
 Nitrogen is used in making soft drinks. 		()
[B] Look at the figure, then answer :			
1. This figure represents	W.		
2. Label the figure :	THE WAR	©	
	7		
(b)	SAKIN		1 %
©	(B)	***	JA .

- 2. [A] 1. Lower limbs in human ...
 - 2. __called axon terminals.
 - 3. Medufa oblongata regulates ...
 - 4, _ the lungs and _
 - [B] 1. To maintain the nervous system healthy as they affect the sleeping periods, the heartbeats and lead to periods lension.
 - Because it allows the movement in all directions.
- 3. [A] 1. The brain.
- 2. The spinal cord.
- 3. The joint.
- 4. Medulla oblongata.

[B]

Point of comparison	Cranial nerves	Spinal nerves
Definition:	They are nerves that emerge from	
Š	the brain.	the spinal cord.

4. [A] 1. 5. 33

2. d. Medulla oblongata

3 d Knee.

4. c. spinal cord.

|B| 1. ① Humerus

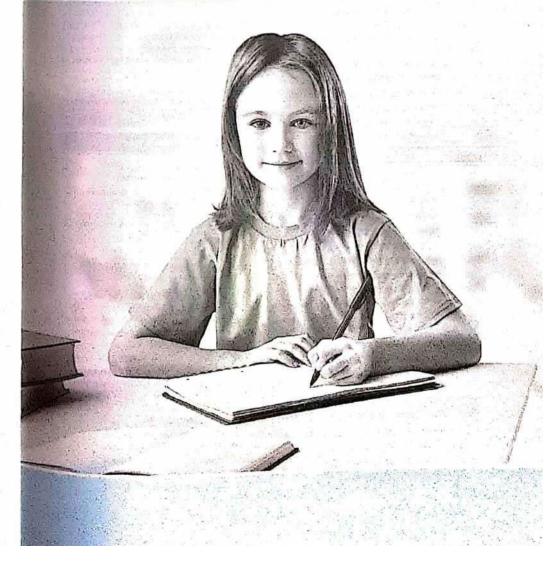
① Forearm

2. It protects the brain.

PART

3

Guide Answers of Final Examinations





Guide Answers of Final Examinations

Cairo Governorate

Manor House International school

- 1. (A) 1. Carbon dioxide gas.
 - 2. Celsius thermometer.
 - 3. The joint.
- 4. Mass.
- (B) 1. It will cause global warming and suffocation of living organisms.
 - 2. The withdrawal of your hand will occur quickly.
- 2. (A) 1. 37
- 2. oxygen
- 3. the skeletal system the muscular system.
- 4. gram kilogram.
- (B) 1. It protects the lungs and the heart. - It helps in the inhalation and
 - exhalation processes.
 - 2. It is used to sterilize the medical thermometer
- 3. (A) 1. a. 10 kg.
 - 2. a. nerve cell axon.
 - 3. c. Plastic
 - 4. a. oxygen
 - (B) 1. Its weight on Earth:

Rule: the object mass (kg.) x 10 weight on Earth = 18 x 10 = 180 Newton.

2. Its weight on moon:

Rule: the object weight on Earth $\times \frac{1}{6}$ weight on moon = $180 \times \frac{1}{5} = 30$ Newton.

- 4. (A) 1. (x)
- 2 (V) 3.(x)
- (B) medical thermometer.
 - it prevents mercury from returning back to the bulb quickly in order to read the measurement easily.

Heliopolis Modern Language School

- 1. 1. c. carbon dloxide
- 2. a. spinal nerves
- 3. d. carbon.
- 4. c. 60 N.
- 5. a. joints between skull bones.
- 6. a. medical thermometer.

- 2. (A) 1. nervous
- 2. Copper
- 3. manganese dioxide.
- 4. spring scale.
- (B) 1. catalyst.
- 2. legumes.
- 3. (A) 1. ribcage
- 2. Oxidation
- 3. Mass
- 4. reflex action.
- (B) 1. They prevent friction between vertebrae during movement.
 - 2. It is used for cutting and welding metals.
- 4. (A) 1. (V)
- 2. (1)
- 3. (x) 4. (x)

Points of comparison	Cranlal nerves	Spinal nerves
1. Definiton :	They are nerves that emerge from the brain.	They are nerves that emerge from the spinal cord.
2. Number :	12 pairs.	31 pairs.

St. Joseph School

- 1. (A) 1. a. spinal cord.
 - 2. c. Daniel Rutherford.
 - 3. c. 2
- 4. b. heavier
- 5. a. 12 (B) 1. liquid (c).
- 2. celsius thermometer.
- (C) Glass.
- 2. (A) 1. carbon dioxide
 - 3. three
 - (B) 1. It will cause global warming and suffocation of living organisms.
 - 2. Iron will combine with oxygen in the presence of moisture (water), so iron nails will rust.
 - (C) 1. b. 78%
- 2. c. 21%

2.1000

- 3. a. 1%
- 3. (A) 1. The atmosphere.
 - 2. Mass.
 - 3. Locomotory system.
 - 4. Carbon dioxide gas.
 - 5. Ozone layer.
 - (B) 1. nerve
 - 2. (a) Cell body.
- (b) Dendrites.
- Myelin sheath.

- (C) 1. It is used to measure the weight of any body.
 - 2. It is used for cutting and welding metals
- 4. (A) 1. (X) 4. (1)
- 2. (1)
- 5. (1)
- (B) 1. Because it allow heat to flow through.
- 2. Because it doesn't help in burning.

(C)

Point of comparison	Central nervous system	Peripheral ner- vous system
Structure :	It consists of the brain and the spinal cord.	It consists of cranial nerves and spinal nerves.

El-Helmia Official Language School

- 1. (A) 1. Celsius
- 2. Carbon dioxide

3. (x)

- 3. Oxygen
- 4. Newton.
- (B).1. It is used to measure the weight of any body.
 - 2. It protects the lungs and the heart.
 - It helps in the inhalation and exhalation processes (breathing).
- 2. (A) 1. Because oxygen scarcely dissolves In water.
 - 2. Because mercury:
 - a. is a liquid metal that can be seen easily through the thermometer glass.
 - b. is a good conductor of heat.
 - c. is a regular expanding material
 - d. doesn't stick to the walls of the capillary tube.
 - e. gives a wide range to temperature measurement.
 - (B) 1. Heat insulators.
 - 3. Skull.
- 2. Spinal cord. 4. Temperature.

4. (1)

- 3. (A) 1. (x)
- 3. (x) 2. (x)
- (B) 1. The medical thermometer will be damaged, because the boiling point of water is 100°c.
 - 2. Iron will combine with oxygen in the presence of moisture (water), so iron nails will rust.

- 4. (A) 1. b. 33 2. b. Freely movable 3. c. oxidation.
 - (B) 1.3 kg
 - 2. Its weight on Earth's surface
 - = Its mass (kg.) x 10
 - = 3 x 10 = 30 Newton.

Leaders Language Schools

- 1. (A) 1. d. spinal nerves.
 - 2. a. skull, backbone and ribcage.
 - 3. a. magnesium oxide.
 - 4. c. copper.
 - (B) 1. Because they don't let heat flow through as they are bad conductors of heat.
 - 2. Because oxygen scarcely dissolves in water.
- 2. (A) 1. Mass
- 2. Temperature.
- 3. Ozone laver.
- 4. Spinal cord.
- (B) 1. Train accidents will occur.
 - 2. The mercury will return back quickly to the mercury bulb before determining the temperature reading.
- 3. (A) 1. catalyst
 - 2. weight large mass
 - 3. increases
 - 4. Nitrogen
 - (B) 1. It is used to measure the temperature of human body.
 - 2. It is used for cutting and welding
 - 3. It maintains the balance of the body during the movement.
 - 4. It protects the brain.
- 2. (x) 3. (\sqrt) 4. (x) 4. (A) 1. (x)
 - (B) a. 30 kg.
 - b. Its weight on the Earth
 - = Its mass (kg.) x 10 = 30 x 10 = 300 Newton.
 - c. Its weight on the moon
 - = Its weight on the Earth $\times \frac{1}{6}$
 - $= 300 \times \frac{1}{6} = 50$ Newton.

Giza Governorate

Genius Language School

- 1. (A) 1. Newton 1kg.
 - 2. cell body axon.
 - 3. Burning oxidation
 - 4. Carbon dioxide calcium carbonate
 - (B) 1. Weight on Earth = Its mass x 10
 - = 6 x 10 = 60 Newton.
 - 2. Weight on moon
 - = Its weight on the Earth $\times \frac{1}{8}$
 - $= 60 \times \frac{1}{5} = 10$ Newton.
- 2. (A) 1, c. 12
- 2. a. immovable.
- 3. a. protein.
- 4. Copper
- (B) 1. The withdrawal of your hand will occur
 - 2. Carbon dioxide is produced during fermentation, so the bread becomes porous and tasty.
- 3. (A) 1. Spinal cord.
 - 2. The backbone
 - 3. Temperature.
 - 4. Reflex action
- (B) 1. Because mercury:
 - a. is a liquid metal that can be seen easily through the thermometer glass.
 - b. is a good conductor of heat.
 - c. is a regular expanding material.
 - d. doesn't stick to the walls of the capillary tube.
 - e. gives a wide range to temperature measurement.
 - 2. Because it easily dissolves in water.
 - 3. Because medulla oblongata controls all the involuntary proceses (as heartbeats, movement of the respiratory system parts during breathing, movements and functions of the digestive system).
- 4. (A) 1. (x) fix nitrogen
 - 2. (x) of the upper limb
 - 3. (x) in the presence of manganes dioxide gas.
 - 4. (1)

- (B) 1. a. Is calcium carbonate.
 - b. Is dilute hydrochloric acid.
 - 2. a. It is used in making dry ice which is used in refrigeration.
 - b. It is used in extinguishing fires.
 - c. It is used in making soft drinks
 - d. It is used in making bubbled and tasty bread when adding yeast to
 - e. It is necessary for photosynthesis process of green plants to produce food and oxygen gas.

El-Agoza Directorate

- 1. (A) 1. c. carbon dioxide 2. c. 12 pairs 4. b. Gram
 - 3. b. copper.
 - (B) 1. It is used to measure the temperature of liquids.
 - 2. a. It is used in making dry ice which is used in refrigeration.
 - b. It is used in extinguishing fires.
 - c. It is used in making soft drinks.
 - d. It is used in makin bubbled and tasty bread when adding yeast to dough.
 - e. It is necessary for photosynthesis. process of green plants to produce food and oxygen gas.
- 2. (A) 1. Mass.
 - 2. Skull.
 - 3. Nitrogen gas.
 - 4. Oxy-acetylene flame.
 - (B) 1. Its mass on the moon
 - = Its mass on the Earth
 - = 18 kg.
 - 2. Its weight on the Earth
 - = Its mass on the Earth x 10
 - = 18 x 10 = 180 Newton.
- 3. (A) 1. 35 42
 - 2. hydrogen peroxide manganese dioxide.
 - 3. cerebrum.
 - 4. balance spring
 - (B) 1. three
 - 2. Medulla oblongata

- ■. (A) 1. (x) 2. (x) 3. (√) 4. (x)
 - (B) 1. Because they don't let heat flow through as they are bad conductors of heat
 - 2. Because medulla oblongata controls all the involuntary processes (as heartbeats, movement of the respiratory system parts during breating, movements and functions of the digestive system).

North Giza Directorate

- 1. (A) 1. Weight.
- 2. Nitrogen.
- 3. Temperature.
- 4. Spinal cord.
- (B) 1. They will react together and carbon dioxide gas will evolve
 - 2. Iron will combine with oxygen in the presence of moisture (water) so iron nails will rust.
- 2. (A) 1. 33
- 2. Ozone
- 3. Spring scale
- 4. Mercury
- (B) 1. To prevent mercury from returning back to the mercury bulb quickly in order to read the measurement easily.
 - 2. Because it doesn't burn and doesn't help in burning.
- 3. (A) 1. manganese dioxide.2. Medical
 - 3. place of matter
- 4. the skull
- (B) 1. Humerus bones. 2. Iron.
- 4. (A) 1. b. photosynthesis
 - 2. a. 10 N
 - 3. c. Medulla oblongate
 - 4. b. gain heat.
 - (B) 1. It is used for cutting and welding metals.
 - 2. It is used to measure the temperature of liquids.

6" of October Directorate

- 1. (A) 1. balance scale kilogram.
 - 2. skull ribcage.
 - 3. photosynthesis
 - 4. nitrogen.
 - (B) 1, 12 Pairs.
- 2. nitrogen

- 2. (A) 1. (x) 2. (x) 3. (\sqrt{)} 4. (\sqrt{)}
 - (B) 1. Because they don't let heat flow through as they are bad conductors of heat.
 - 2. Because mercury:
 - a, is a liquid metal that can be seen easily through the thermometer
 - b. is a good conductor of heat.
 - c. is a regular expanding material.
 - d. doesn't stick to the walls of the capillary tube.
 - e, gives a wide range to temperature measurement.
- 3. (A) 1. Spring scale.
 - 2. The backbone.
 - 3. Carbon dioxide gas.
 - 4. Heat insulators.
 - (B) 1. Wood.
- 2. Newton.
- 4. (A) 1. c. 21%
- 2. a. milky.
- 3. d. brain and spinal cord.
- 4. d. heart and lungs.
- (B) Weight of the body on Earth
 - = Its mass (kg) x 10
 - = 60 x 10 = 600 Newton.
 - Weight of the body on moon
 - = its weight on the moon $\times \frac{1}{2}$ $=600 \times \frac{1}{6} = 100$ Newton.

Alexandria Governorate

10 El-Agamy Directorate

- (A) 1. weight mass.
 - 2. brain spinal cord.
 - 3. 35°C 42°C
 - 4. cranial nerves spinal nerves.
- (B) 1, its weight on the Earth's surface
 - = Its mass (kg.) x 10
 - = 12 x 10 = 120 Newton.
 - 2. Its weight on moon surface = Its weight on Earth's surface x 1/5
 - = $120 \times \frac{1}{6} = 20$ Newton.

2. (A) 1. Nitrogen.

- 2. Temperature.
- 3. Joints.
- 4. Neuron
- (B) 1. All the involuntary processes of the body will be disturbed causing death.
 - 2. The medical thermometer will be damaged, because the boiling point of water is 100°c
- 3. (A) 1. b. three similar atoms.
 - 2. a. mercury.
- 3. c. synapse
- 4. a. 2
- (B) 1. It maintains the balance of the body during the movement.
 - 2. It is used to detect the presence of carbon dioxide gas.
- 4. (A) 1. 12
- 2. equal to
- 3. good
- 4. slightly
- (B) 1. To prevent mercury from returning back to the mercury bulb quickly in order to read the measurement easily.
 - 2. To maintain the nervous system healthy as they affect the sleeping periods, the heartbeats and lead to nervous tension.

Al-Montazah Directorate

- 1. 1. axial skeleton appendicular skeleton.
 - 2.35-42
 - 3. kilogram Newton
 - 4. 12 pairs 31 pairs
 - 5. plastic wood.
 - 6. photosynthesis respiration
- 2. 1. Spinal cord.
- 2. Mercury.
- 3. Nitrogen gas.
- 4. Weight.
- 5. Joints.
- 6. Temperature.

4. (1)

- 3. (1)
- 3. (A) 1. (x) 2.(x) (B) 1. Because aluminium is a good
 - conductor of heat. 2. Because it doesn't burn and doesn't help in burning.
- 4. (A) 1. Its mass on the moon surface = 30 kg.

- 2. Its weight on the Earth.
 - = Its mass (kg.) x 10
- = 30 x 10 = 300 Newton
- 3. Its weight on moon
- = Its weight on the Earth x 1 = 300 x = = 50 Newton
- (B) 1. Humerus bone. 2. Forearm bones
 - 3. Hand bones.

12 Qalyoubia Governorate

- 1. (A) 1, the place of matter.
 - 2. two nitrogen three oxygen
 - 3. slightly movable freely movable
 - 4. the brain the spinal cord.
 - 5. celsius thermometer
 - (B) 1. Cerebrum.
- 2. Ribcage.
- 2. (A) 1. b 2
 - 2. c.magnesium oxide.
 - 3. c. 39: 357
 - 4. b. spring scale.
 - (B) 1. Because oxygen scarcely dissolves in
 - 2. Because medulla oblongata controls all the involuntary processes (as heartbeats, movement of the respiratory system parts during breathing, movements and functions of the digestive system).
- 3. (A) 1. (x) made of wood or plastic.
 - 2. (1)
- 3. (1)
- 4. (x) Carbon dioxide is
- (B) 1. The human body can't move.
 - 2. The mercury will return back quickly to the mercury bulb before determining the temperature reading.
- 4. (A) 1. Spinal cord. 2. Nitrogen.
 - 3. Oxy-acetylene flame.
 - 4. The locomotory system.
 - (B) 1. It is used as a heat insulating material in making the insulating glass windows.
 - 2. They are connected to the neighbouring neurons to form syhapse.

Menofia Governorate

- 1. (A) 1. a. 20
- 2. c. mercury.
- 3. b. Ozone layar
- 4. a. reflex action.

(B)

13

Points of comparison	Celsius thermometer	Medical thermometer
Range of scale :	From 0°C to 100°C	From 35°C to 42°C
Used liquid:	Mercury.	Mercury.

- 2. (A) 1. the place of matter. 2. Copper
 - 3. lamps.
- 4, neuron.
- (B) 1. Heat insulators.

3. wood.

- 2. Catalyst.
- 3. (A) 1. bones
- 2. increased 4. equal to
- (B) 1. To prevent the leakage of heat.
 - 2. Due to the formation of calcium carbonate (white ppt.) which is insoluble in water and causes the turbidity of limewater.
- 4. (A) 1. f
- 2. e 4. a
- (B) 1. The mercury will return back quickly to the mercury bulb before determining the temperature reading.
 - 2. Carbon dioxide is produced during fermentation, so the bread becomes porous and tasty.

Dakahlia Governorate

- 1. (A) 1. Weight Newton
 - 2. the hand Ice.
 - 3. Oxygen carbon dioxide
 - 4. Spinal cord cerebellum
 - (B)

Points of comparison	Medical thermometer	Celsius thermometer
Scale :	From 35°C to 42°C	From 0°C to 100°C
Constriction:	Present.	, Absent.

- 2. (A) 1. (x) 2. (\sqrt{)} 3. (x) 4. (x)
 - (B) 1. To keep our bodies warm as they prevent the leakage of heat.
 - 2. Due to the formation of calcium carbonate (white ppt.) which is insoluble in water and causes the turbidity of limewater.
- 3. (A) 1. Newton.
 - 2. Heat insulators.
 - 3. Oxidation.
 - 4. Medulla oblongata.
 - (B) 1. The medical thermometer will be damaged, because the boiling point of water is 100°C.
 - Magnesium ribbon keeps burning for a short time producing magnesium oxide which is a white substance and carbon (coal) which is a black substance.
- 4. (A) 1. c. 60 10
- 2. d. Air
- 3. b. proteins.
- 4. d. 24
- (B) 1. It is the degree of hotness or coldness of a body.
 - 2. a. Figure (1).
- b. Figure (2).

15 Sharkia Governorate

- 1. (A) 1. Celsius medical
 - 2. Carbon dioxide
 - 3. freely slightly
 - 4. kilogram Newton
 - (B) 1. They are used in making :
 - a, cooking pots.
 - b. Kettles that are used in houses and factories.
 - 2. Protects the Earth from harmful radiations that come from the Sun.
- 2. (A) 1, a. 2 kg.
 - 2. a. calcium carbonate
 - 3. b. Spinal cord
 - 4. a. 39°C and 375°C
 - (B) 1. Because oxygen scarcely dissolves in
 - 2. To prevent mercury from returning back to the mercury butb quickly in order to read the measurement easily.

- 3. (A) 1. Oxidation. 2. Weight.
 - 3. Cerebellum, 4. Heat conductors.
 - (B) 1. Train accidents will occur.
 - 2. It will cause global warming and suffocation of living organisms.
- 4. (A) 1. () 2.(x) 3. (1) 4. (1)
 - (B) 1. Plastic.
 - 2. Shaft bones.
 - 3. Easily dissolves in water.
 - 4. Spring scale.

16 Gharbia Governorate

- 1. (A) 1. decreases 2. ethyl alcohol
 - 3. Burning 4. the central nervous system
 - (B) 1. Because the scale of the medical thermometer ranges from 35°C to 42°C, while the temperature of boiling water is 100°C, so the medical thermometer will break
 - 2. Because it remains in a liquid state between (- 39°C) and (357°C).
- 2. (A) 1. Newton. 3. Catalyst
- 2. Temperature. 4. Backbone.
- (B) 1. Train accidents will occur.
 - 2. Hydrogen peroxide is decomposed into water and oxygen gas, while manganese dioxide doesn't change in its quantity or structure.
- 3. (A) 1. 10
- 2. constriction
- 3. Water
- 4. cerebellum
- (B) 1. It is used to measure the temperature of liquids.
 - 2. It is used to produce carbon dioxide gas by fermentation process to make bubbled bread.
- 4. (A) 1. b. spring scale.
- 2. c. copper.
- 3. c. proteins.
- 4. d. cerebrum.
- (B) 1. a. dilute hydrochloric acid. b. calcium carbonale.
 - 2. They are the malerials that let heat flow through.

Damietta Governorate

- 1. (A) 1. spring scale.
 - 2, manganese dioxide.
 - 3. medulla oblongata.
 - 4. Copper
- (B) 1. They are used in making the handles
 - a. cooking pots. b. Electric iron. c. kettles.
 - 2. It is used to measure the temperature of liquids.
- 2. (A) 1. Oxy-acetylene.
- 2. Mercury.
- 3. Backbone
- 4. weight.
- (B) 1. The medical thermometer will be damaged, because the boiling point of water is 100°C.
- 2. Nitrogen oxides are formed, where they reach the soil during raining.
- 3. (A) 1. c. Its mass x 10
- 2. b. more than
- 3. a. shoulder
- 4. a. 0°C
- (B) 1. Because it protects the Earth from harmful radiations that come from the
 - 2. To prevent mercury from returning back to the mercury bulb quickly in order to read the measurement easily.
- 4. (A) 1. Temperature
 - 2. 2 kg. 3. photosynthesis
 - 4. slightly movable
 - (B) 1. Carbon dioxide gas is prepared by adding dilute hydrochloric acid to calcium carbonate, then carbon dioxide gas is collected by the upward displacement of air.
 - 2. By using ethyl alcohol.

Kafr El-Shelkh Governorate

1. (A) 1. kilogram - Newton

18

- 2, respiration combustion
- 3. brain spinal cord.
- 4. carbon dioxide limewater.
- (B) 1. To force the mercury back to the mercury bulb.
 - 2. To prevent the friction between vertebrae during motion.

2. (A) 1. b. thermometer.

3. Neuron.

- 2. d. 78%
- 3. d. Spinal cord
- 4. c. 300 am.
- (B) 1. Objects mass on moon = 30 kg.
 - 2. Object's weight on the Earth
 - = Mass object × 10 = 30 × 10
 - = 300 Newton.
- 3. (A) 1. Heat conductors. 2. Catalyst.
 - 4. Kilogram.
- (B) 1. It is a device that is used to measure the weight of any object.
 - 2. a. It is used in making dry ice which is used in refrigeration.
 - b. It is used in extinguishing fires.
 - c. It is used in making soft drinks.
 - d. It is used in making bubbled and tasty bread when adding yeast to dough.
 - e. It is necessary for photosynthesis process of green plants to produce food and oxygen gas.
- 4. (A) 1. (X) 2. (x) 3. (1) 4.(x)
- (B) 1. It will cause global worming and suffocation of living organisms.
 - 2. Because it allows the movement in one direction only.

19 Behira Governorate

- 1. (A) 1. 0 100

 - 3. immovable
- 2.1 4. - 39°C - 357°C
 - (B) 1. Carbon dioxide is produced during fermentation, so the bread becomes porous and lasty.
 - 2. The body will lose its balance.
- 2. (A) 1. Newton.
- 2 thermometer.
- 3. Neuron.
- 4. Heat insulators.
- (B) Is changing the volume of a liquid by changing the temperatury where, liquids expand by heating and contract by cooling.
- 3. (A) 1. Copper
- 2. increases
- 3. nitrogen
- 4. white

- (B) 1. To prevent mercury from returning back to the mercury bulb quickly in order to read the measurement easily.
 - 2. Because oxygen scarcely dissolves in water.
- 4. (A) 1 c. Air
- 2. a. proteins.
- 3. c. Dendrites
- 4. c. 35:42

2.33 - 12

- (B) 1. Its mass on moon = 30 kg.
 - 2. Its weight on the Earth

 - = Its mass (kg) x 10
 - = 30 x 10 = 300 Newton.

20 Ismailia Governorate

- 1. (A) 1. 0°C 100°C
 - 3. balance spring
 - 4. carbon dioxide oxygen
 - (B) 1. Medical thermometer and celsius thermometer according to the constriction:

Point of comparison	Medical thermometer	Celsius thermometer
Constriction :	Present	Absent

2. Heat conductors and heat insulators according to definition

Point of comparison	Heat conductors	They are materials that don't let heat flow through.		
Definition :	They are materials that let heat flow through.			

- 2. (A) 1. nitrogen
 - 3. Spinal corde
- 2.250 4. Copper

3. Weight.

- (B) 1. Protects the Earth from harmful radiations that come from the Sun.
 - 2. Keep our bodies worm as they prevent the leakage of heat.
- 3. (A) 1. Slightly movable joints.
 - 2. Oxidation
 - 4. Temperature. (B) 1. a. carbon dioxide.
 - b. the upward displacement of air.
 - 2. The heat fransfers from object A to the object B.

- 2. a. calcium carbonate
- 3. c. the human body.
- 4. b. increases.
- (B) 1. Because it remains in a liquid state between (- 39°C) and (357°C).
 - 2. Because it acts in this reaction as a catalyst

21 Bani Suaf Governorate

- 1. (A) 1. b. spring scale.
 - 2. d. carbon dioxide
 - 3. a. 78%
- 4. elbow.
- (B) 1. It protects the brain.
 - 2. It is used to measure the temperature of human body.
- 2. (A) 1. (x) 2. (\sqrt) 3. (1)
 - (B) 1. Because aluminium is a good conductor of heat.
 - 2 Because is doesn't burn and doesn't help in burning.
- 3. (A) 1. c 2 d 3. b 4. a
 - (B) 1 Weight on the Earth
 - = Object Mass (kg) x 10 = 12 . 10 = 120 Newton.

 - 2. Weight on the moon = Weight on the Earth x 1
 - $= 120 \cdot \frac{1}{6} = 20 \text{ Newton.}$
- 4. (A) 1. All the involuntary processes of the body will be disturbed causing death.
 - 2. Train accidents will occur.
 - (B) 1 Gram
- 2.0°C
- 3. Cerebollum 4 Heat

22 Minia Governorate

- 1. 1 b increases
- 2 a. Copper.
- 3. a ethyl alcohol 5. c. carbon dioxide
- 4 b oxygen 6 a Spinal conti
- 2. (A) 1. balance spring
 - 2 Cooking pots kettles
 - 3. dilute hydrochloric acid calcium carbonate.
 - 4. brain spinal cord

- (B) 1. Slightly movable.
 - 2. Freely movable.
- (C) 1. It protects the brain.
 - 2. It maintains the balance of the body during the movement.
- 3. (A) 1. Weight.
- 2. Oxygen gas.
- 3. Nitrogen.
- 4. Medulla oblongata.
- (B) 1. Its mass on the moon = 30 kg.
 - 2. Its weight on the Earth
 - = Its mass (kg) x 10
 - = 30 x 10 = 300 Newton.
- (C) 1. Because it doesn't burn and doesn't help in burning.
- 2. Because it allows the body to bend in different directions and it protects the spinal cord.

4. (A)

Points of comparison	Medical thermometer	Celsius thermometer	
1. Scale :	From 35°C to 42°C	From 0°C to 100°C	
2. Usage :	It is used to measure the temperature of the human body	It is used to measure the temperature of the liquids.	
3. Used liquid :	Mercury.	Mercury.	

- (B) 1. (x) 2. (x) 3. (√) 4. (x)
- (C) 1. It is used in making dry ice which is used in refrigeration.
 - 2. It is used in extinguishing fires.

23 Assiut Governorate

- 1. (A) 1. Newton 3. good
- 2. nitrogen 4.33
- (B) 1. Its mass on the moon = 30 kg.
 - 2. Its weight on the Earth
 - = its mass (kg) x 10
 - = 30 x 10 = 300 Newton.
- 2. (A) 1. (x) 2. (x) 3. (x) 4. (x) (B) 1 The lower limbs will move in one
 - direction only 2. It will cause global warming and suffocation of living organisms.

- 3. (A) 1. Spinal cord.
 - 2. Oxy-acetylene flame.
 - 3. Heat insulators. 4. Mass.
 - (B) 1. Because it protects the Earth from harmful radiations that come from the Sun.
 - 2 Recause the skull protects the brain.
- 4. (A) 1. c. mercury.
- 2 b. Glass
- 3 c. Medulla oblongata
- 4. d. Carbon dioxide
- (B) 1, medical
 - 2. (a) Mercury bulb. (b) Constriction
 - (c) Capillary tube
 - (d) Transparent thick glass tube

24 Sonag Governorate

- 1. (A) 1. b. Copper
 - 2. b. Ozone layer
 - 3. c. keeping the bady balanced
 - 4. a. mass.
- (B) 1. It's weight on Earth
 - = It's mass x 10
 - = 30 x 10 = 300 Newton.
 - 2. It's weight on moon
 - = Its weight on Earth x =
 - $= 300 \times \frac{1}{c} = 50$ Newton.
- 2. (A) 1. (V) 2. (x) 4. (1) 3. (x) (B)

Points of comparison	Celsius thermometer	Medical thermometer From 35°C to 42°C	
1. Range of scale :	From 0°C to 100°C		
2. Its Uses :	It is used to measure the temperature of liquids.	It is used to measure the temperature of the human body.	

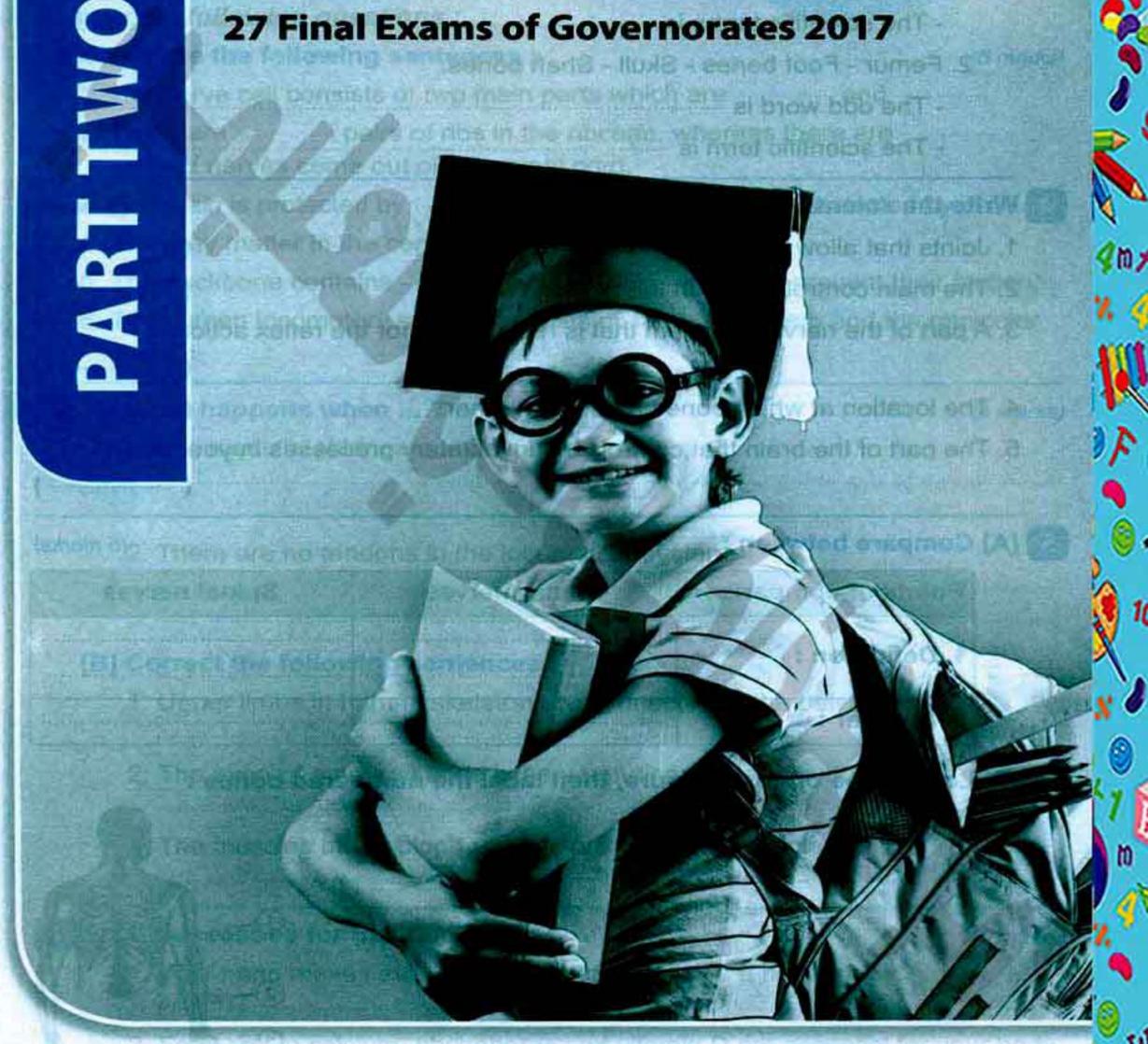
- (A) 1. Axial skeleton. 2. Weight.
 - 3. Neuron.
 - 4. Carbon dioxide gas.
 - (B) 1. Because it doesn't help in burning.
 - 2. Because wood and plastic are bad conductors of heat.
- (A) 1 balance scale 2 slightly movable 3. water
 - 4 Photosynthesis

- (B) Spinal cord.
 - (a) White matter. (b) Gray matter.

25 Qena Governorate

- 1. (A) 1. balance spring
 - 2.35 42
 - hydrogen peraxide manganese dioxide
 - 4. brain skull
 - (B) 1. The body's weight on the moon
 - = Its weight on Earth $\times \frac{1}{6}$
 - 10 = Its weight on Earth $\times \frac{1}{6}$
 - The weight on Earth's surface
 - = 10 x 6 = 60 Newton.
 - 2. The body's weight on the Earth
 - = Its mass × 10
 - $60 = 1ts mass \times 10$
 - The mass of the body = $\frac{60}{10}$ = 6 kg.
- 2. (A) 1. a. expand
 - 2. b. calcium carbonate
 - 3. d. spinal cord.
 - 4. d. humerus
 - (B) 1. The weight of the body decreases as the gravitational force of the Earth for this person decreases.
 - 2. The medical thermometer will be damaged, because the boiling point of water is 100°C.
- 3. (A) 1. OZone.
- 2 Mass.
- 3 Joints.
- 4. Nitrogen
- (B) 1. Because it allow heat to flow through.
 - 2. Because it
 - Controls the voluntary movements of the body as running in races.
 - Receives nerve impulses from sense organs and sends the suitable responses to these impulses.
 - Contains the centers of thinking and memory
- 3.(1) 4. (x) 4. (A) 1. (X) 2. (x)
- (B) 1. nerve cell.
 - 2. (a) Cell body.
- (b) Dendrites.
- (c) Axon.

27 Final Exams of Governorates 2017



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Final Exams of Governorates

2017

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Cairo Governorate

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Answer	tne rollowing	questions :

1	[A]	Complete	the	following	statements
---	-----	----------	-----	-----------	------------

- The measuring unit of weight is, while the measuring unit of mass is
- 2. Copper is from conductors of heat.
- Carbon dioxide molecule consists of one carbon atom linked with two atoms.
- 4. Nitrogen combines with a lighted magnesium composing substance.
- 5. The ribcage consists of pairs of ribs.

[B] Give reasons for :

- Clear limewater becomes turbid when carbon dioxide passes in it.
- Oxygen cylinders are used during climbing mountains.

[A] Write the scientific term of the following statements:

- 2. The amount of matter in an object.
- 3. The main control center in human body.
- 5. Organ in the central nervous system responsible for the reflex action.

[B] Mention one function of :

- 1. The spring scale :
- 2. Celsius thermometer :
- 3. Ozone layer :

55



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	I] Put (✓) in front of c	correct statements and (x) in front of incorrec	t one	
	1. Oxygen gas repres	ents 78% of the volume of	f the atmosphere.	()
	2. Cooking pots are n	nade of plastic.		()
	3. Nitrogen gas is call	led azote which means "life	e gas".	()
	4. Air is from good conductors of heat.				
1	5. Oxy-acetylene flam	ne is used in cutting and w	elding metals.	()
4	6. Cerebellum maintains the balance of the body during movement.)
(B		e following cases ?			8
[D	The state of the s	ure the man to noise.			
	1. Continuous expos	ure the mair to noise.			
	2 Increase of carbon	dioxide percentage in the	atmosphere.		
	Z. Increase of carbon				
_					_
4 [4	[Choose the correct				
	The state of the s	oint in celsius thermometer	scale represents the		•••
	freezing point.		CALIFORNIA DE COMP		
	a. liquids	b. mercury	c. water		
	2. Backbone consists	s of bony vertebra			
	a. 12	b. 21	c. 33		
	From the freely me	ovable joints is			
	a. shoulder	b. elbow	c. knee	Do.	
	4. A weight of body is	s 2 Newton so its mass is	equal to		
	a. 0.2 gm	b. 20 gm	c. 200 gm	-	
	5. Hydrogen peroxid	e dissociates in the preser	nce of manganese diox	ide	
	(as a catalyst) into)			
	a. water	b. oxygen gas	c. water & oxyger	gas	
[E	3] Notice the following	figure of medical			
	thermometer, then I	abel it:			
	①			40 42	=)
				The St	I
	②		a	((3)



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Answer	the	following	quest	ions	:
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ΓΔ1	Choose	the	correct	answer
	CHOOSE	rue	COLLECT	dilamei

- 1. From the substances which are bad conductors of heat is
 - a. iron

b. wood

- c. copper
- 2. Which of the following gases have great percentage in atmospheric air ?
 - a. Oxygen
- b. Nitrogen
- c. Carbon dioxide
- 3. The joints which allow movement in one direction only are joints.
 - a. immovable
- b. slightly movable
- c. freely movable
- The operation of thermometer depends on the change of with the change in temperature.
 - a. gases volume
- b. liquid volume
- c. liquid mass
- 5. The ribcage in man consists of pairs of ribs.
 - a. 10

b. 11

- c. 12
- 6. An object whose mass is (200 gm) on Earth's surface, so its weight equal
 - a. 2 Newton.
- b. 20 Newton.
- c. 200 Newton.

[B] What happen when ... ?

- We get rid of soil bacteria.
- Exhaled air passes through clear limewater.

[A] Complete the following statements:

- The weight of the body on moon's surface = of its weight on Earth's surface.
- 2. Heat is a form of the forms of
- 3. Divers use cylinder during diving under water.
- 4. The centers of thinking and memory lie in
- 5. The mass is measured by scale.
- 6. Nitrogen is used in the manufacture of which doesn't rust.

[B] Compare between good conductors and bad conductors of heat :

Point of comparison	Good conductors of heat	Bad conductors of heat
Definition :		
Definition :		***************************************

العداصر علوم لغات (Step by Step & Final Exams) / ٢ ب/ تيرم ١ (م : ٨)

5/



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الصف السادس الابتدائي

(.....)

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3	[A]	Write	the	sc	entific	term	:
---	-----	-------	-----	----	---------	------	---

- 1. An indicator helps us to express the state of the body from point of hotness or coldness.
- Long strips that fix muscles on bones.
- The building unit of nervous system. (.....)
- (.....) 4. A force with which a body is attracted to the Earth.
- A gas that its molecule is composed of three oxygen atoms. (.....) 6. An instrument used for measuring the temperature.

[B] Give reasons for :

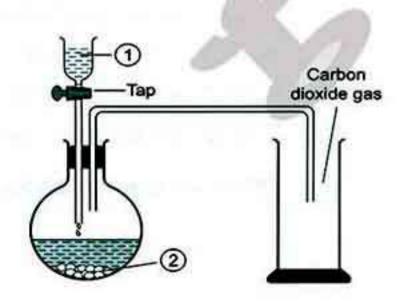
- 1. Damage of the medulla oblongata causes death.
- Carbon dioxide is used in extinguishing some fires.

4 [A] Correct the underline word in the following statements:

- 1. Weight is a constant value and is not affected by changing (.....) the place.
- 2. The scale of the medical thermometer starts from 35°C to 100°C.
- 4. The cerebellum lies at the back area of the brain above (.....) the two cerebral hemispheres.
- 5. Hydrogen peroxide remains without change in quantity or properties during the preparation of oxygen gas.
- 6. The liquid that is used in making the thermometers is water.

[B] In the opposite figure answer the following:

- 1. Number ① Is
- 2. Number ② Is





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Alexandria Governorate

The Educational Directorate

Answer	the	following	questions	
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and oxygen.

Answer the following questions :	
[A] Complete the following :	
The mass can be measured by and the weight can by	be measured
The neuron consists of the cell body and which end presence of	ls by the
3. As the mass of the planet increases, its gravity and the weight of the object.	that leads to
Carbon dioxide is prepared in the laboratory by adding powder of	····· to the
5. Water freezes at Celsius and boils at Celsi	ius.
[B] Mention the following only:	
 The substance that indicates presence of carbon dioxide. 	()
2. An example of involuntary muscle.	()
3. The product substance from the combination of magnesium	

[A] Write the scientific term of the following:

1. The part responsible for hesping the body balance de	anning more more man
	()
The degree of hotness or coldness of a body.	<u> </u>
3. Locations of bones meeting that allow the movement	between them.
	()
4. A gas used in filling the planes and cars tires and also	o contributes in
composing gunpowder.	()

1. The part responsible for keeping the body balance during movement

[B] Correct the underlined words:

- 1. In preparing oxygen from hydrogen peroxide, Sodium hydroxide is used as) a catalyst.
- 2. 12 pairs of ribs come out from the brain.
- 3. Iron is used in manufacturing kettles that are used in houses and factories.
- 4. The joint of shoulder is one of slightly movable joints.

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Part			
3 [A	Choose the right answer from the	e following:	
	1. The mass of one litre of water ed		
	a. 1 gm. b. 1 kg	c. 100 Newton.	d. 100 gm.
	2. Ozone gas consists of		
	a. One atom.	b. two similar ato	ms.
	c. three similar atoms.	d. three different	atoms.
(3. The gas that is used with acetyle	ene gas in welding me	tals
90	a. hydrogen.b. oxygen.	c. nitrogen.	 d. carbon dioxide.
	4. The centers of thinking and men	nory lies in	
	a. the medula oblongata.	b. the spinal cord	i.
	c. the vertebral column.	d. the two cerebr	al hemispheres.
[B]	Give reasons for the following:		
	1. Passing the air on the hot copper	during the preparation	of nitrogen in lab.
	3. Using wood in making the handled at the state of the		
4 [A	In the opposite figure that illustrate	s the structure of the n	nedical thermometer :
	1. Number ① is a bulb contains		2
	2. Number ② is		
	3. Number ③ is and its fun	ction	8 37 38 39 40 41 42
	is	① ③	
	4. The thermometer scale starts from	n°C to	°C.
[B] If the mass of a body equals 30 l	g on the Earth surfa	ce. Calculate :
	1. Its mass on the moon surface.		
	2. Its weight on the Earth:		

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3. Its weight on the moon.

[C] Compare	between	the st	ructure	of the	axial	skeleton	and th	e appendicu	ılar
skeleton									

Point of comparison	Axial skeleton	Appendicular skeleton
The officerture		
The structure		***************************************

Answer the	following	questions	:
TAL Cha			

- 1. An object whose weight on the Earth's surface is 6 Newton, so its weight on the moon's surface is Newton.
 - a. 10

- c. 1
- 2. All the following are good conductors of heat except
 - a. aluminium and copper.

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b, iron and aluminium.

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- c. copper and iron.
- d. glass and wood. 3. Hydrogen peroxide is used in preparing gas.
- b. hydrogen a. oxygen

- c. nitrogen
- d. carbon dioxide

- 4.is from the reflex action.
 - a. Heartbeats
 - Eating on feeling hungry
 - c. Blinking when something gets close to the eye
 - d. (a), (b) and (c)

[B] Give reason for each of the following:

- 1. There is a constriction above the mercury bulb in the medical thermometer.
- 2. It is necessary to eat healthy food that is rich in calcium and phosphorus.
- It is necessary to leave spaces between the railway bars.
- 4. The ribcage surrounds both the heart and the lungs.

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Write the scientific terr	m:	
 The system responsible 	ems. ()	
The second secon	is the main component of all p	50 50 50 50 50
compounds.		()
	s meet and allow the movemer	
4. The thermometer who	ose scale ranges from 35°C to	42°C. ()
and the same of th	or each of the following:	
1. ST		
4. The ozone layer : ······		
		<i>-</i>
4. Condensation of nitro	at man use are good conductogen gas.	rs of heat.
4. Condensation of nitro	gen gas. s and weight according to :	rs of heat.
4. Condensation of nitro	gen gas. s and weight according to :	
4. Condensation of nitro Compare between mas Points of comparison	gen gas. s and weight according to :	
4. Condensation of nitro Compare between mas Points of comparison 1. Measuring unit : 2. Measuring device :	gen gas. s and weight according to :	
4. Condensation of nitro Compare between mas Points of comparison 1. Measuring unit : 2. Measuring device : Put (√) or (×) :	gen gas. s and weight according to:	Weight
4. Condensation of nitro Compare between mas Points of comparison 1. Measuring unit : 2. Measuring device : Put (√) or (x): 1. The liquid used in the	gen gas. So and weight according to : Mass Medical thermometer is alcohological.	Weight
4. Condensation of nitro Compare between mas Points of comparison 1. Measuring unit : 2. Measuring device : Put (√) or (x): 1. The liquid used in the 2. The shoulder joint is a	gen gas. Mass medical thermometer is alcohol freely moveable joint.	Weight
4. Condensation of nitro Compare between mas Points of comparison 1. Measuring unit : 2. Measuring device : Put (✓) or (✗): 1. The liquid used in the 2. The shoulder joint is a 3. Cooking pots are mad	gen gas. Mass medical thermometer is alcohol freely moveable joint. le of plastic.	Weight
4. Condensation of nitro Compare between mas Points of comparison 1. Measuring unit : 2. Measuring device : Put (✓) or (✗): 1. The liquid used in the 2. The shoulder joint is a 3. Cooking pots are mad	gen gas. Mass medical thermometer is alcohol freely moveable joint.	Weight
4. Condensation of nitro Compare between mas Points of comparison 1. Measuring unit : 2. Measuring device : Put (✓) or (✗): 1. The liquid used in the 2. The shoulder joint is a 3. Cooking pots are mad	gen gas. Mass medical thermometer is alcohol freely moveable joint. le of plastic.	Weight



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[B] Look at the following figure, then answer: 1. Write what each label represents on the figure: ① ② ③ gas. 2. Mention one use for the evolved gas.	
5 Sharkia Governorate The Educational Dire	ectorate
nswer the following questions :	
[A] Complete the following statements :	
The number of cranial nerves is and the number is	of spinal nerves
Oxygen is produced from process and carbon d from process.	ioxide is produced
Heat transfers from the temperature object to the object.	temperature
4. As the mass of the planet on which the body exits increase of the planet increases and of the body increase	
5. The main center of the control in your body is an a bony case called	d it is found inside
[B] Give reason for each of the following:	
Leaving spaces between the railway bars.	
2. Ozone gas is very important in nature.	
[A] Write the scientific term of each of the following:	
 The main source of preparing nitrogen gas. 	()
Materials that don't let heat flow through.	()
What fixes muscles to bones.	()
4. The gas that turns limewater turbid.	()
5. The building unit of nervous system.	()



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4. The spinal cor	d controls the hearth	eats.	(
8/4	called azote which		·
A	mass on Earth is e		ulate :
N. S. Allanda Market and Company of the Company of	e surface of the Eart		
2. Its weight on the	e surface of the moo	n.	
	The state of the s		A STATE OF THE PARTY OF THE PAR
Menofia Gove	ernorate (The Educational Dir	rectorate
r the following au	and lane		
the following qu			
1. The weight is m		scalo	
a. sensitive	b. digital	c. two arm	d. spring
	in the Celsius therm	1 C - April	u. spring
a. hydrogen pe	A TOTAL OF THE PARTY OF THE PAR	b. alcohol.	
c. water.	TOXIGE.	d. mercury.	
	llowing is faster in co	707	
a. Glass.	b. Aluminium.		d. Iron.
WALL SEED CHEENING THE THE	ntly movable joints is	The state of the s	100
a. thigh	b. shoulder	c. wrist	d. knee
The same of the sa	d to make the iron ha	indle.	
a. Iron	b. Copper	c. Aluminium	d. Plastic
6. Carbon dioxide	is produced when d	iluted hydrochloric ad	cid is added
to the			
a. calcium carb	onate.	b. calcium oxide.	
c. calcium hydroxide.		d. calcium chloride.	
What would happ	en in the following	cases ?	
1. The overuse of	soft drinks.		
		•••••••	



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[A] Write the scientific term of each of the following statement	s:
1. The measurement unit of weight which is almost equal to	
a mass 100 grams.	()
A flame used in cutting and welding metals.	()
The degree of hotness or coldness of a body.	()
 A gas contributes in composing proteins and living tissues. 	()
The phenomenon which leads to raise in the Earth's temper causes changes in the climate.	ature and ()
An organ connects the brain with the spinal cord and is resp involuntary processes.	onsible for ()
[B] An object's mass = 30 kg on the moon's surface. Calculate	the same of the same of
1. Its mass on the Earth.	
2. Its weight on the Earth's surface.	
3. Its weight on the moon's surface.	
[A] Correct the underlined words :	
1. The internal substance of the spinal cord is the yellow matter	. ()
2. The liquid used in the medical thermometer is water.	()
3. Argon is used in extinguishing of fires.	()
The centers of thinking and memory are located	
in the medulla oblongata.	()
5. Hydrogen peroxide dissociates in the presence	
of manganese dioxide and produces helium gas and water.	()
6. The Earth gravitational force increases as the body moves	
away from the Earth.	()
[B] 1. What is the name of the opposite figure ?	6 111
2. Write down the labels on the figure. nucleus,	
①	
2	
3	
2	
66	



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[A] Complete the following statements by suitable words:
Materials are classified according to conducting heat into and
2. Mercury remains liquid between two degrees of temperature which are and
3. Carbon dioxide gas is converted into a liquid by and and
The number of cranial nerves is pairs, while the number of spinal nerves is pairs.
 The rapid union between oxygen and elements produces heat and light, it is named, whereas if it is slow in the presence of moisture, it is named
6. The controls the reflexes, while the cerebellum is responsible for
[B] Write the scientific reason of each of the following:
 The windows in the cold countries are made of two sheets of glass with space containing air in between.
2. Nitrogen is used in filling car tires.
7 Gharbia Governorate The Educational Directorate
Answer the following questions :
[A] Complete the following statements :
The scale of medical thermometer starts from ············ °C and ends at ··········· °C.
2. The central nervous system in human consists of two main parts which are and
The main idea to make a thermometer is the change in of the liquid by changing of the liquid
 During photosynthesis process in green plants gas is produced, while burning of organic materials produces gas.
From measuring devices of mass is, whereas weight is measured by using
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Part						
[B]	Give reasons for each of the following: 1. Aluminium and stainless steel are used in making cooking pots.					
	THE DOCUMENT OF ME AND ASSESSMENT OF THE PARTY.		oking pots.			
	Nitrogen is used to store petroleum and some flammable materials.					
	3. Increased ratio of carbo	n dioxide gas in the atmosph	ere in recent years.			
[A] Write the scientific term	:				
	 A gas exists in the atmo coming from the Sun. 	sphere that protects Earth fro	om harmful radiation ()			
	2. An instrument used for measuring the temperature of liquids. (
 The skeleton which includes the up A form of energy transfers from an of 	udes the upper and lower lim	bs. ()				
	4. A form of energy transfers from an object to another if they differ in temperature. 5. A gas combines with oxygen to produce a flame whose temperature is sufficient to melt metals. (
[B		late:				
	2. Its weight on the moon	:				
	3. Its mass on the moon:					
3 [A	Choose the correct answ	ver:	1-11-11-1			
		cts the nervous system causin	ng			
	a. muscle stress.	b. sprains.	c. sleepless.			
	2. The gas which is used	in making dry ice is	gas.			
	a. carbon dioxide	b. oxygen	c. nitrogen			
		in a balloon at certain height fi he weight of the person on Ea	rth's surface is			
	a. 69 Newton.	b. 70 Newton.	c. 71 Newton.			
	4 AU CU CU		was a was at least a what a man			

- All of the following are properties of mercury as a thermometical substance except
 - a. good conductor of heat.
 - b. give limited extent to measure temperature.
 - c. not adhere to the walls of capillary tube.

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- Magnesium ribbon keeps burning inside a cylinder full of carbon dioxide gas forming
 - a. magnesium oxide and coal. b. magnesium oxide and oxygen.
 - c. magnesium oxide and carbon dioxide.

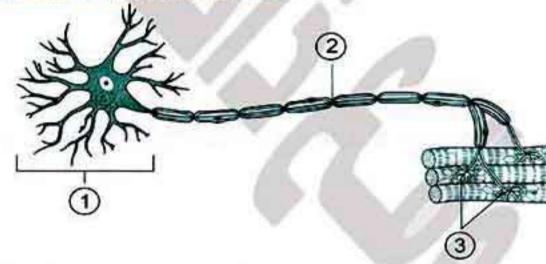
[B] What would happen in the following cases?

- The mercury bulb of medical thermometer is broken and mercury is spilled inside the mouth of the person using it.
- 2. The hand suddenly touches a hot object.
- 3. Not leaving spaces between railway bars.

[A] Correct the underlined words in the following:

[B] Look at the opposite figure, then label the numbers.

- ①
- ②
- ③





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Answer the following questions:

- [A] Complete the following statements :
 - 1. The device which is used to measure the temperature is
 - 2. The central nervous system is composed of and and

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ALL ARTHUR	
	Preparation of oxygen in the laboratory from with manganese dioxide.
	4. A body mass on the Earth's surface is 5 kg., the same body mass on the moon's surface is
	5. We must avoid jumping from high places to avoid in our locomotory system.
[B]	Mention one function or importance of each of the following :
P	1. Celsius thermometer.
	2. Dry ice.
	3. Hot copper in nitrogen preparation experiment.
[A]	Write the scientific term of each of the following :
	The amount of matter that the body contains. ()
	Types of muscles that work automatically and we can't control there movement.
	3. A gas used in making soft drinks. (
	A part of brain which regulates the involuntary processes of the body.
	A gas produced from green plants during photosynthesis process.
[B]	Give reasons for each of the following :
VEG 18	Aluminium is used in making cooking pots.
	Presence of cartilages between the vertebrae of the backbone.
	3. Nitrogen is recently used in filling car tiers.
[A]	Choose the correct answer :
	1. From the materials which are good conductors of heat
	a. plastic. b. air. c. wood. d. mercury.
0	



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	 A] Put (x) or (√) in front of the each of the following statements: 1. The weight is the force with which a body is attracted to the Earth. 2. Carbon dioxide molecule consists of one oxygen atom linked with two carbon atoms. 3. The medical thermometer scale starts from 32°C to 45°C. 4. Ozone gas consists of three oxygen atoms. 5. One kilogram equals 1000 grams which equal one litter of distillated water. 6. Humerus bone and forearm bones are from parts of lower limbs. B] Write two ways only to maintain our nervous system. 1)
	 The weight is the force with which a body is attracted to the Earth. Carbon dioxide molecule consists of one oxygen atom linked with two carbon atoms. The medical thermometer scale starts from 32°C to 45°C. Ozone gas consists of three oxygen atoms. One kilogram equals 1000 grams which equal one litter of distillated water. Humerus bone and forearm bones are from parts of lower limbs. 	(((((((((((((((((((()))
	 The weight is the force with which a body is attracted to the Earth. Carbon dioxide molecule consists of one oxygen atom linked with two carbon atoms. The medical thermometer scale starts from 32°C to 45°C. Ozone gas consists of three oxygen atoms. One kilogram equals 1000 grams which equal one litter of distillated water. Humerus bone and forearm bones are from parts of lower limbs. 	()
4 [/	 The weight is the force with which a body is attracted to the Earth. Carbon dioxide molecule consists of one oxygen atom linked with two carbon atoms. The medical thermometer scale starts from 32°C to 45°C. Ozone gas consists of three oxygen atoms. One kilogram equals 1000 grams which equal one litter of distillated water.)
4 [/	 The weight is the force with which a body is attracted to the Earth. Carbon dioxide molecule consists of one oxygen atom linked with two carbon atoms. The medical thermometer scale starts from 32°C to 45°C. Ozone gas consists of three oxygen atoms. One kilogram equals 1000 grams which equal one litter 	((()
4 [/	 The weight is the force with which a body is attracted to the Earth. Carbon dioxide molecule consists of one oxygen atom linked with two carbon atoms. The medical thermometer scale starts from 32°C to 45°C. 	()
4 [/	 The weight is the force with which a body is attracted to the Earth. Carbon dioxide molecule consists of one oxygen atom linked with two carbon atoms.)
4 [/	The weight is the force with which a body is attracted to the Earth. Carbon dioxide molecule consists of one oxygen atom linked with	()
4 [/	1. The weight is the force with which a body is attracted to the Earth.		
4 [/			
			••••
	3. All human bones are fixed with each other.		*****
	The constriction is not found in the capillary tube of the medical thermometer.		
1	1. The reaction between nitrogen with oxygen by lightening.		
[E	3] What would happen in the following cases ?		
	c. calcium hydroxide. d. carbon.		
	a. calcium oxide. b. calcium carbonate.		
9	a. 6 Newton. b. 60 Newton. c. $\frac{1}{6}$ Newton. d. 1 New 5. Carbon dioxide turbids the clear limewater due to formation of		
	If an object's weight on the Earth's surface is (6) Newton, its weight moon's surface will be	on th	e
	a. scarcely b. rapidly c. non d. (a), (b)	and	(c)
	From the properties of oxygen, it is soluble in water.		
	c. medulla oblongata. d. spinal cord.		



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3. The cooking pots and kettles are made up of plastic.



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expanding material.	352X	3	(
5. Mass is the force of Earth's gravity to a body.		Ÿ	(
6. Bones of the lower limbs are connected to the	shoulder bone	es.	
[B] What happens when ?			
Putting a glowing magnesium ribbon in a jar c	ontaining carb	on dioxide	
uting a glowing magneolan nebon in a jar o	g carb		
/>			
2. Your hand suddenly touches a hot body.			
[A] Write the scientific term of each of the follow	ing :		
 A type of muscles that work automatically and 	you		
cannot control.		(
Materials that do not let heat flow through.		(
A flame used in cutting and welding metals.		(
4. The main control center in the human body.		(
[B] What is the role of each of the following :			
1. Yeast in making bread.	61		
2. The ozone layer in the atmosphere.			
[C] Look at the opposite figure, then answer:			
1. What is the name of this figure ?			
2. Write what is indicated by numbers :			
◐	(3)	(1)	(2)
②			
③			

المحاصد علوم لغات (Step by Step & Final Exams) / ٦ ب/ تيرم ١ (م:١٠)

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object to the low temperature object.

3. Heat is a form of that transfers from the temperature

موقع ذاكرولي التعليمي

الصف السادس الابتدائي

	***************************************		***************************************
Choose the corr	ect answer from the	following :-	2
1. The gas which	is used with acetyler	e in welding meta	ls isgas.
a. oxygen	b. nitrogen	c. hydrogen	d. carbon dioxid
	he body on Earth's so equals	urface is 6 Newton	, so its weight on
a. 1 kg.	b. 1 Newton	c. 6 kg.	d. 6 Newton
3. The thoracic ca	ige in the man consis	sts of pair	s of ribs.
a. 10	b. 11	c. 12	d. 13
 The part which two cerebral medulla oblo 	Market Comments of the Comment	eping human body b. cerebellum. d. spinal cord.	/ balance is
5. Hydrogen pero	xide decomposes in	presence of mang	anese dioxide
a. oxygen and	hydrogen.	b. oxygen and	water.
c. hydrogen an	d water.	d. hydrogen ar	nd manganese.
6. Oxygen is pres	ent in the atmospher	e in gas state in fo	orm of molecules its
a. O	b. O ₂	c. O ₃	d. O ₄
A body its mass	is 10 kg. Calculate i	ts weight of an e	arth's surface.
Look at the oppo	site figure, then an	swer: ①	
 Write the name 	of figure.		15 16 17 14 29 45 41 42
2. Label the figure) :		
①		*****	
②			
114 <u>5.00</u> 000			



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موقع داکروای التعلیمی

الصف السادس الايتدائي

[B] If the weight of a certain bod Calculate its:	ly on Latti 5 Surface is	o o o i i civion.
1. Mass.		
0 14/ 11 1 - 14 - 1 - 1		
Weight on Moon's surface.		
[C] Explain each of the following	g:	
Pungent odour evolves as a burning magnesium in nitro	a result of adding water t	to the product of
2. There are cartilages between	en vertebrae of the back	bone.
[A] Choose the correct answer :	8	
Nitrogen is used in making		
		ft drinks.
The weight of a human in a be equal to his weight on E effect of Earth's gravitations a. decrease b. s	arth's surface because of al force as we go away f	of the in the
3. The muscles of theb. u	are voluntary muscles. urinary bladder c. tru	1.00
One of the properties of car a. heavier than air. b. li Compare between cranial ne	ighter than air. c. sc	arcely soluble in water.
Points of comparison	Cranial nerves	Spinal nerves
1. The place where they emerge from :		
2. Their numbers :		
ICI What would bannon in each	of the following cases	2 And why 2
[C] What would happen in each 1. The mass of cleansing wire		r And Wily r



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The human skeletal system cor	nsists of and
4. Mass is measured by using the weight is	and the measurement unit of
[B] Correct the following statement	s:
The skull joints are from slightly	y movable joints.
2. When the mass of an object on weight on moon's surface is 60	n Earth's surface equals 6 kilogram, so its newton.
3. Aluminium conducts heat faste	r than copper and iron.
The atmosphere protects the E outer space.	arth by absorbing the gases coming from
2 [A] Choose the correct answer :	
 From bad conductors of heat a 	re
a. iron and aluminium	b. copper and glass
c. glass and wood	d. aluminium and copper
2. The scientist who discovers the	e nitrogen gas is
a. Anders Celsius	b. Joseph priestley
c. Daniel Rutherford	d. Antoine Lavoisier
All the following from the comp except	onents of central nervous system
a. spinal nerves.	 b. two cerebral hemispheres.
c. spinal cord.	d. medulla oblongata.
 When the exhaled air passes to the formation of 	hrough clear limewater it turbids due to
a. calcium carbonate.	b. calcium oxide.
c. calcium hydroxide.	d. calcium sulphate.
The measuring device of the w	eight is
a. sensitive scale	b. two arms scale
c. the spring scale	d. digital scale
6. ···· fix muscles with bone	s.
a. Tendons	b. Joints
c. Muscular fibers	d. (a) and (b).
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The over use of stimulation substances.	
2. The percentage of carbon dioxide gas increases in the atn	nospheric air.
[A] Write the scientific term of the following statements :	
1. The amount of matter that the body contains.	(
2. Spontaneous response of the body to different stimuli.	(
3. A gas that is prepared from hydrogen peroxide.	(
4. Type of muscles act spontaneously and cannot be controll	ed. (
It is the degree of hotness or coldness of a body.	(
6. A flame used in cutting and welding metals.	(
then answer the questions: 1. This figure indicates the structure of	
2. Label the points as indicated by the figures:	
①	
②	A
③	
[A] Give reasons for the following statements :	100
The handles of cooking pots are made of wood or plastic, v	while the cookin
pots are made of aluminium.	

During preparation of nitrogen gas in laboratory, air is pass hydroxide solution and over a hot copper.	sed in potassiur





[B] Mention one function of : 1. The constriction above the bulk	o in the medical thermometer.
2. The two cerebral hemispheres.	
13 Kafr El-Sheikh Governorate	The Educational Directorate
nswer the following questions :	
[A] Write a scientific term :	
	in air leads to the suffocation of living
2. The amount of matter in an obj	ect. (
3. It consists of the bones of upper	er and lower limbs. (
4. It is the degree of hotness or co	The state of the s
IBI Look at the following figures, th	nen answer the following questions :
1. Figure a represents the	The second secon
which is used to measure	
2. Figure b represents the	
which its function is	

[C] Mention:	
The importance of manganese	dioxide in the preparation of oxygen.
2. The function of the cerebellum.	
[A] Choose the correct answer :	
1. Limewater is	
a. calcium carbonate.	b. calcium oxide.
c. calcium hydroxide.	d. calcium sulphate.



e (contained

Muscles prevent the friction between vertebrae of	
backbone during movement.	()
A Code of the day to the state of the state	4

Carbon dioxide is prepared in the laboratory from the reaction
 between hydrochloric acid and copper sulphate.

[A] Select in column (B) the appropriate in column (A):

(B)
a. 12 pairs of nerves.
b. It is used to absorb carbon dioxide when preparing nitrogen in the laboratory from the air.
c. It is used in filling car tires.
d. Regulating heartbeats

[B] Put (√) in front of the correct statements and (x) in front of the false ones :

- Oxy-acetylene flame is used in cutting and welding metals.
 ()
- The medulla oblongata delivers nerve messages from the body organs to the brain and vice versa.
- 3. The mass of materials decreases after combination with oxygen. ()

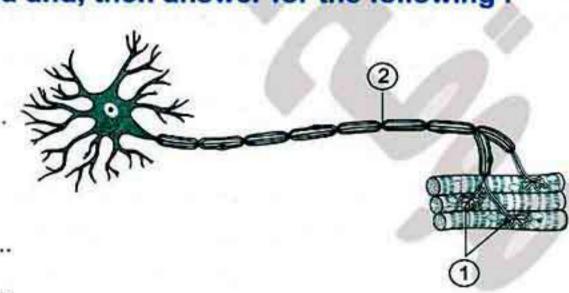
[C] Look at the figure in front of you and, then answer for the following :

What the name of the opposite figure?

Write the name of labels ① and ②

①

<u>(2)</u>





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- to calcium carbonate powder.)
- 5. Long strips that fix muscles on bones.
-) 6. Materials are used to make handles of cooking pots.



~ - :		
2. The constriction in	tne capillary tube	in the clinical thermometer.
] Choose the correct	answer:	
		is placed in a jar containing carbon ement formed is
a. magnesium.	b. carbon.	c. nitrogen.
2. Myelin sheath sur	rounds the	**(
a. nerve cell axon	b. cerebellum.	c. spinal cord.
3. Which of the follow	wing is faster in co	nducting heat ?
a. Aluminium.	b. Iron.	c. Copper.
4. Which of the followair?	ving gasses have g	reat percentage in atmospheric
a. Oxygen.	b. Nitrogen.	c. Carbon dioxide.
5. The Newton is ne	arly equals weight	of a body its mass gm.
a. 10	b. 100	c. 1000
] Give reasons for ea	ch the following	statements :
1. Nitrogen is used i	n filling car tires.	
2. The necessary of	eating healthy foo	d rich in calcium.
3. Clear limewater b	ecomes turbid who	en carbon dioxide passes in it.
A] What would happe		
Adding the yeast	to dough on makir	ng bread.
2. Nitrogen is not pr	esent in the atmos	pheric air.





2 [A]	Choose the corre	ect answer:		
	1. Which of the fo	llowing is faster in	conducting heat?	
	a. Iron.	b. Copper.	c. Aluminium.	d. Wood.
	2. Which of the fo	llowing joints is limi	ited movement?	
	a. Shoulder.	b. Wrist.	c. Elbow.	d. Thigh.
.0	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	ght on earth's surfa equals	ce equals 6 Newtor	n, its weight on
1	a. 1 kgm.	b. 1 Newton.	c. 6 kgm.	d. 6 Newton.
	4. Which of the fol air ? ······	lowing gases has g	reat percentage in a	atmospheric
	a. Oxygen.	b. Nitrogen.	c. Ozone.	d. Carbon dioxide.
11	5. Which of the fol	lowing is responsibl	e for keeping the bo	dy balance ?
	a. Medulla oblo	ngata.	b. Two cerebral	hemispheres.
	c. Spinal cord.	-//	d. Cerebellum.	
[B] V	What would happ	en in the followin	g cases ?	
	2. The over take o	of stimulating subst	ances.	
3 [A]	Correct the unde	rlined words :		7
	1. The weight is	constant and does	not change from on	ie .
	place to anothe	r.		()
	The axon of the	nerve cell is surrou	unded by gelatinous	s layer. ()
	The liquid used	in the thermometer	er is the alcohol.	()
19		prepared from hydi f carbon dioxide g	rogen peroxide diss gas.	ociates in
	5. From the brain	(10) pairs of crania	al nerves come out.	()
[B] (Give reasons for	the following:		
	Nitrogen is colle preparation in t	35	cement of water do	wnward during its
	2. In the clinical th	ermometer there is	s a constriction abo	ve mercury reservoir.
	***************************************			87

E Calgina

موقع ذاكروني التعليمي

الصف السادس الايتدائي

3 [/	A] Choose the correct a	answer:		
	1. From the substance	es which are bad	conductors of he	at
	a. iron.	b. aluminium.	c. air.	d. copper.
	2. If the body weight is	s 40 Newton, so i	ts mass equals -	
	a. 4 kg.	b. 400 kg.	c. 40 kg.	d. 4000 kg.
	3. Joints which allow	movements in on	e direction only a	rejoints.
1	a. slightly movable	b. immovable	c. freely mova	ible
	4. Mercury remains lic	uid between two	degree temperati	ıre°C
	a 39 : 357	b. 39: - 357	c. zero : 100	
[E	3] Write the scientific to	erm of each of th	ne following stat	tements :
	1. Automatic response	e of the body to d	ifferent stimuli.	()
	2. Long strips in the n	nuscles fix it into l	oones.	()
	3. Liquid used in mak	ing thermometers	i. //	()
	4. The force with which	h a body is attrac	ted to the Earth	and it always
	towards the center	of the Earth.		()
4 [A] Examine the following	ng figure and co	mplete :	①
	①			America
	②			File Day
	③			STUP SULL
	The function of	number. ② is		STEEDY!
				2
r	BI What are the differen	soo between ev	idation and hur	ning 3
	or vyriat are the differen	ices nermeell ox	iuauon anu bur	HIIIM I

Points of Comparison	Oxidation	Burning
1. Definition :		
	***************************************	***************************************
2. Example :		



المحاصد علوم لغات (Step by Step & Final Exams) / ٢ ب/ تيرم ١ (م: ١٢)

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2 Part

17 El-Minia Governorate

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Compi	ete the following statements :	
1. The	mass is measured by using, while the measurement	unit of weight
is		
	gen represents, while oxygen representse atmosphere.	of the volume
3. The	number of spinal nerves is	
4. A we	eight of an object can be measured by the	
5. Oxy	gen is prepared from in presence of	
Write t	he scientific term of each of the following statements :	
1. The	location of bones touch and allow moving.	(
2. Gas	is produced according to the availability of green plants.	(
3. A too	ol used to measure the temperature of the human body.	(
4. The	amount of matter in an object.	(
18	Insert a lighted magnesium ribbon in cylinder filled with nitro	gen gas.
[B] Giv	e reasons for each of the following :	
	Cooking pots are made of aluminium, while its handles are in or wood.	made of plast
	Ozone gas is very important in nature.	

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[A] Notice the following down the labels on	The same of the sa	
_		
[B] If an object's mass		ulate:
1. Its weight on the E	arın.	
2. Its weight on the M	100n.	
[C] Put (√) or (x) in fr	ont of the following sta	atements :
1. Heat transfers from	m a cold object to a hot o	object. (
2. Nitrogen is used to	o make stainless steel.	(
3. Mercury is good c	onductor of heat.	(
1. The weight is measure		the mass is measured
in unit.		
gas is used in welding metals.	n composing gunpowder	r, while gas is used in
3. The main center of the a bony case called		and it is found inside
4. The heat is a form of t	the forms of	
5. The number of cranial	nerves in human body i	is pairs of nerves.
[A] Choose the correct	answer:	
1. The planet on whi	ch the body weight equa	als 6 times as its weight on the
moon is		
a. Earth.	b. Mars.	c. Jupiter.



a. glass.	b. iron.	c. wood.
3. The nerv	e cell body consists of	
a. nucleu	us. b. cytoplasm a	nd plasma membrane.
c. all the	previous.	
100F (1000) 1 July	n be prepared by using calcium oric acid is	carbonate powder and dilute
a. oxyge	n. b. hydrogen.	c. carbon dioxide.
5. The weighted equals	ght of a body its mass 10 kg. on	Earth surface nearly
a. 10 Ne	wton. b. 100 Newton	c. 1000 Newton.
6. Oxygen	gas represents percentage	of the Earth atmosphere.
a. 21%	b. 78%	c. 89%
[B] Mention or	ne function of the following :	
The state of the s		
1. The joint		
The joint The ozon		
2. The ozo		statements :
2. The ozo	ne layer.	
2. The ozon	ne layer.	
2. The ozon	ne layer. cientific term of the following used in manufacture of soft drir	nks. (
2. The ozon	ne layer. cientific term of the following used in manufacture of soft dringsts ties muscles with bones.	tains. (
2. The ozon	ne layer. cientific term of the following used in manufacture of soft dring the ties muscles with bones. ount of matter that the body con	tains. (
2. The ozon	ne layer. cientific term of the following used in manufacture of soft dring the ties muscles with bones. ount of matter that the body conted in measuring the temperature	tains. (
2. The ozon [A] Write the s 1. A gas is 2. Ligament 3. The among 4. A tool us [B] Join from	ne layer. cientific term of the following used in manufacture of soft dring the ties muscles with bones. ount of matter that the body conted in measuring the temperature	tains. (
2. The ozon [A] Write the s 1. A gas is 2. Ligamen 3. The amo 4. A tool us [B] Join from (A)	cientific term of the following used in manufacture of soft drings ties muscles with bones. Ount of matter that the body consed in measuring the temperature column (A) what is suitable from	tains. (
2. The ozon [A] Write the s 1. A gas is 2. Ligament 3. The amo 4. A tool us [B] Join from (A) 1. Copper	ne layer. scientific term of the following used in manufacture of soft drings that the body consed in measuring the temperature column (A) what is suitable from a. is a bad conductor of heat. b. conducts heat faster than a	tains. (
2. The ozon [A] Write the s 1. A gas is 2. Ligament 3. The amo 4. A tool us [B] Join from (A) 1. Copper 2. Plastic	ne layer. scientific term of the following used in manufacture of soft drings that the body consed in measuring the temperature column (A) what is suitable from a. is a bad conductor of heat. b. conducts heat faster than a	tains. (
2. The ozon [A] Write the s 1. A gas is 2. Ligament 3. The amo 4. A tool us [B] Join from (A) 1. Copper 2. Plastic 3. Mercury	ne layer. scientific term of the following used in manufacture of soft drings the temperature of matter that the body consed in measuring the temperature column (A) what is suitable from a. is a bad conductor of heat. b. conducts heat faster than a c. is a liquid used in sterilizing	tains. (
2. The ozon [A] Write the s 1. A gas is 2. Ligament 3. The amo 4. A tool us [B] Join from (A) 1. Copper 2. Plastic 3. Mercury	a. is a bad conductor of heat. b. conducts heat faster than a c. is a liquid used in sterilizing d. is used in manufacture of fee. is a liquid used in manufacture of fee.	tains. (



the spinal cold a	nd write down		
the labels on the	figure :		The State of
①			The same of the sa
②		*********	①
Give reasons for	the following:		
1. Cooking utensi	ls (pots) are made of	aluminium.	
	.,.,,		
2. Nitrogen gas is	used in filling cars a	nd aerplanes tires.	
What would hapr	en in the following	cases 2	
N N N SACARN AN A SA	wetted with water is		ave to humid air
1. A fiall from from	welled will water is	exposed several de	ays to numiu an
Sohag Gove	rnorate	The Educational I	Directorate
er the following qu	estions :	The Educational I	Directorate
er the following quality Choose the corre	ect answer :		
cr the following quality Choose the correct 1. Which of the fo	restions : ct answer : llowing is from the sl	ightly movable joint	s ?joir
Choose the correct of the following quantum of	ect answer: llowing is from the slib. Thigh	ightly movable joint c. Wrist	s ?joir d. Shoulder
Choose the correct of the formula a. Elbow 2. When an object	ect answer: Illowing is from the slib. Thigh	ightly movable joint c. Wrist	s ?joii d. Shoulder
Choose the correct of the formula a. Elbow 2. When an object	ect answer: llowing is from the slib. Thigh	ightly movable joint c. Wrist	s ?joii d. Shoulder
Choose the correct of the following of the following a. Elbow 2. When an object Earth should educated a. 50	ect answer: Illowing is from the slight's mass on the moor	ightly movable joint c. Wrist n equals 50 kg. then c. 200	s ? ······ijoir d. Shoulder n its mass on th d. 500
Choose the correct of the following quantities of the following quantities of the correct of the following a. Elbow 2. When an object Earth should educated a. 50 3. When a lighted	ect answer: Illowing is from the slight's mass on the moor	ightly movable joint c. Wrist n equals 50 kg. then c. 200 s placed in a jar con	s ?joii d. Shoulder n its mass on th d. 500 ntaining carbon
Choose the correct of the following quantities of the following quantities of the correct of the following a. Elbow 2. When an object Earth should educated a. 50 3. When a lighted	ect answer: Illowing is from the slight's mass on the moor qual	ightly movable joint c. Wrist n equals 50 kg. then c. 200 s placed in a jar con nt formed is	s ?joir d. Shoulder n its mass on th d. 500 ntaining carbon
Choose the correct of the following quantum of the following at the follow	ect answer: Illowing is from the slight's mass on the moor qual	ightly movable joint c. Wrist n equals 50 kg. then c. 200 s placed in a jar con nt formed is	s ?joir d. Shoulder n its mass on th d. 500 ntaining carbon d. magnesiu
Choose the correct of the following quantum of the following at the follow	ect answer: Illowing is from the slip. b. Thigh t's mass on the moor qual	ightly movable joint c. Wrist n equals 50 kg. then c. 200 s placed in a jar con nt formed is	s ? join d. Shoulder n its mass on th d. 500 ntaining carbon d. magnesiu
Choose the correct of the following of the follows: 1. Which of the foliows: 2. When an object Earth should educated as 50. 3. When a lighted dioxide, on the a. oxygen. 4. All of the follows a. iron.	ect answer: Illowing is from the slip. It's mass on the moor qual	ightly movable joint c. Wrist n equals 50 kg. then c. 200 s placed in a jar con nt formed is c. carbon. t conduct heat exce c. aluminium.	s ?joir d. Shoulder n its mass on th d. 500 ntaining carbon d. magnesiu



2 Part

[B]	What	would	happen	in the	following	cases	?
-----	------	-------	--------	--------	-----------	-------	---

- A nail wetted with water is exposed for a long period to humid air.
- The over intake of stimulating substances such as coffee and tea.
- There is no constriction above the bulb of mercury in the medical thermometer.

[A] Write the scientific term of each of the following statements:

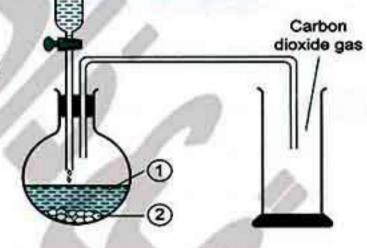
- 5. A gas used in the storage of petroleum and some inflammable substances.

[B] Look at the opposite figure,

then answer the questions:

- 1. Write what each number refers to on the figure :
 - Liquid ① is
- 2. How the gas is collected ? And why ?

......



[3] [A] Complete the following statements:

- It's necessary to eat healthy food rich in calcium and phosphorus to prevent diseases.
- is the gas which is called azote that means "lifeless" because it does not help in burning.
- 3. The number of the spinal nerves is, where as the number of the cranial nerves is
- 4. The medical thermometer is used to, where as the celsius thermometer is used to

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- N. P. Cont.	object whose mass on Earth is equal 12 kg. Calculate: Its weight on the surface of the Earth.
2.	Its weight on the surface of the moon.
[A] Gi	ive reasons for the following :
1.	The heart and lungs are surrounded by ribcage.
2.	Ozone layer has a great importance in the life of creatures on the Earth surface
3.	The weight of the body on Earth's surface differs from its weight on another planet.
4.	Air is used in making insulating glass windows.
[B] Co	orrect the underlined words :
1.	An example for the involuntary muscles is the face muscles. (
2007	The contract of the contract o
2.	In respiration and combustion, carbon dioxide is consumed. (
	In respiration and combustion, carbon dioxide is consumed. (
3.	AND THE CONTRACT OF THE CONTRA
3.	Iron is considered the fastest metal in conducting heat. (
3. 4.	Iron is considered the fastest metal in conducting heat. (
3. 4. nswer ti	Iron is considered the fastest metal in conducting heat. (
3. 4. nswer ti	Iron is considered the fastest metal in conducting heat. The centers of thinking and concentration lie in medulla oblongata. Qena Governorate The Educational Directorate the following questions: complete the following statements:
3. 4. nswer ti [A] Co	Iron is considered the fastest metal in conducting heat. The centers of thinking and concentration lie in medulla oblongata. Qena Governorate The Educational Directorate the following questions:
3. 4. nswer ti [A] Co 1. 2.	Iron is considered the fastest metal in conducting heat. (The centers of thinking and concentration lie in medulla oblongata. (The Educational Directorate he following questions: Oxygen gas is prepared from in presence of
3. 4. 20 nswer ti [A] Co 1. 2. 3.	Iron is considered the fastest metal in conducting heat. (
3. 4. nswer ti [A] Co 1. 2. 3. 4.	Iron is considered the fastest metal in conducting heat. (
3. 4. 20 (A) Co 1. 2. 3. 4.	The centers of thinking and concentration lie in medulla oblongata. Qena Governorate The Educational Directorate The following questions: Oxygen gas is prepared from in presence of mass is a constant amount and doesn't affect by changing thermometer is used to measure the temperature of water. The nervous system consists of two main systems which are and measure the temperature which are and measure the temperature which are and measure which are and measure which are measure which are and measure which are measure which are and measure which are measure which are measure which are measure and measure which are measure which are measure which are measure and measure which are measure which are measure which are measure and measure which are measure which are measure which are measure and measure which are measured which
3. 4. 20 (A) Co 1. 2. 3. 4.	The centers of thinking and concentration lie in medulla oblongata. Qena Governorate The Educational Directorate The following questions: Oxygen gas is prepared from in presence of Mass is a constant amount and doesn't affect by changing thermometer is used to measure the temperature of water. The nervous system consists of two main systems which are mention one use (importance) for each of the following:
20 (a) (b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	The centers of thinking and concentration lie in medulla oblongata. Qena Governorate The Educational Directorate The following questions: Oxygen gas is prepared from in presence of Mass is a constant amount and doesn't affect by changing thermometer is used to measure the temperature of water. The nervous system consists of two main systems which are and mention one use (importance) for each of the following: Oxy-acetylene flame.



2 [A] F	out (√) or (x) in from	nt of the following statem	ents:		
1	. Ozone gas consists	of two oxygen atoms and	symbolized by O ₃	()
2	2. Carbon dioxide gas	is used in the manufacture	of gunpowder.	()
3	3. The scale of medica	I thermometer starts from 3	35°C to 42°C.	()
4	l. Nitrogen gas occupi	es 78% of the atmospheric	air components.	()
5	5. In legumes, the nod	ular bacteria fix nitrogen or	n their roots.	()
[B] G	live reasons for :				
	I. There is a constriction	on above the mercury bulb	in the medical therr	nome	ter.
2	2. Carbon dioxide gas	is used in extinguishing fire	es.		
5	Damage of medulla	oblongata leads to death.			
_					
[A] (Choose the correct a	nswer:			
1	 The best metal to co 	onduct heat is			
	a. aluminium.	b. copper.	c. iron.		
2	2. Newton equals the v	weight of an object whose	mass is gra	ms.	
	a. 10	ь. 100	c. 1000		
3	The ribcage in the h	uman body consists of	of ribs.		
	a. 10 pairs	b. 11 pairs	c. 12 pairs		
4	4. A gas used to fill so	me types of lamps is			
	a. oxygen.	b. carbon dioxide.	c. nitrogen.		
	A tool which is used	to measure the weight is -		10	
	a. spring scale.	b. digital scale.	c. two arm scales		
[B] H	f the object's mass =	30 kg. on the Earth. Cald	culate :		
38	1. Its mass on the mod	on.		21	

	Its weight on the Ea	rth.			

22	3. Its weight on the mo	oon			
	o. its weight on the me				
		ى أي مذكرة عليها العلامة دي			





4 [A] Write the scientific term of the following statements :	
1. An organ which is responsible for the reflex action.	()
2. A form of energy that transfers from the higher temperature	
object to the lower temperature object.	()
3. The gas that turbids limewater.	()
4. Materials that let heat flow through.	()
5. The amount of matter in an object.	()
[B] Look at the opposite figure, then write what the	- C
numbers point to :	
①	0+1/M
②	
3	2 - ()
	3 4
04	SANCE OF THE PARTY
21 Luxor Governorate The Educational Dire	ctorate
Answer the following questions :	
1 Complete the following statements :	
1. The graduation of clinical thermometer begins from °C	and ends at
°C.	
consists of 33 vertebrae, with between them t friction during movement.	o prevent their
3. As the mass of the planet increases, its increases and	the object's
on its surface increases.	
4. The main center of the control in your body is and it is a bony box called	found inside
2 [A] Write the scientific term of each of the following :	
Types of muscles act spontaneously and cannot	
be controlled.	()
2. A gas is used in making of stainless steel.	()
Part of the nervous system that is responsible for	AB: SE
reflex actions.	()
A gas its molecule consists of three oxygen atoms.	()
T. A gas its molecule consists of times oxygen atoms.	
لنات (Step by Step & Final Exams) / ٦ ب / تيرم ١ (م : ١٣)	97 المحاصر علوم



Part

	5. The type of skeleton slimbs.	which includes the bones	of upper and the lowe)
		d in making of the Celsius	thermometer. ()
[B]	Give a reason for each				- R
7	AT AN	ed by displacing the water	r downwards during		
do		······································			
	2. Damage of the medu	lla oblongata causes deat	h.		
					•••••
3 [A]	Put (√) or (x) in front	of the following stateme	ents :		
	1. Mass is the force of the	he Earth's gravity on an ol	oject.	()
	2. Handles of cooking p	ots are made of wood.		()
	3. Nitrogen gas reacts e	asily with most other elem	nents.	()
		burn and it does not help		()
[B]	Choose the correct an	swer from the following	•		
	1. One of the examples	of heat conductors is			
	a. plastic.	b. paper.	c. iron.		
	2. The joint which allow	s the movement in one dir	ection only is	joi	nt.
	a. immovable	b. slightly movable	c. freely movable		
	3. Nitrogen is used in m	anufacturing of		0	
	a. fertilizers.	b. soft drinks.	c. dry ice.		
	4. Hydrogen peroxide is	used in the preparation o	f	-	
	a. oxygen.	b. nitrogen.	c. carbon dioxide.	7	
				A	
4 [A]	12	0 kg. on Earth's surface	. Calculate :	13	
	Its mass on the moor	is surface.			
	2 The weight on the Fa	arth's surface. [Note : start	by writing the lawl	5099000	
	THE STATE OF THE S	inin 3 Sunace. [Note : Start	THE ATTEMPT OF THE PERSON OF T		
00					
98					



[B]	Look at the following	ig figure, then ansi	wer:	
	1. This apparatus is	used for the prepara	ation	3
	of			
	2. Write what represe	ents each label on ti	ne)	1 1/1
	figure :			
	①			
- 2	②	·		
1	③			
22	Aswan Govern	orate Th	e Educational Dire	ctorate
Answei	the following ques	tions :		
[A]	Complete the follow	ving statements :		
	1. The clinical thermo	ometer is graduated	from ····················°C to ··	°C.
	In photosynthesis gas.	process, the plant a	bsorbs gas a	and produce
	3. From the exampleand		ich are bad conductor	s of heat
	4. The axial skeleton	in the man consists	s of, ,	and
	Mass is a constan	t and is not affected	by	
[B]	Give one importance	e for the following		
	1. Oxy-acetelyne flar	me.		
	Cartilage.			

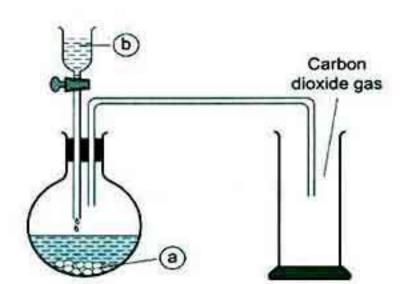
2 [A]	Choose the correct	answer from the f	ollowing:	
	Your weight on Easurface is		lewton, so your weight	t on moon
	a. 6	b. 60	c. 100	d. 10
		The second of th	placed in a jar containement formed is	
	a. carbon.	b. nitrogen.	c. magnesium.	d. oxygen.
	3. Which of the follow	17 San 20 May 1	ducting heat ?	
	a. Aluminium.	b. Copper.	c. Iron.	d. Glass.
				99





[B] Look at the opposite figure, then answer	, then answer	figure, then	opposite	Look at the	[B]
--	---------------	--------------	----------	-------------	-----

- 1. Write what represents each label on figure :
 - Substance a is
 - Liquid (b) is
- 2. Mention one use of the carbon dioxide gas :



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The Educational Directorate

Answer the following questions:

[A] Complete the following sentences :

- 1. Weight is the force by which to the Earth.
- 2. is produced from plants during the photosynthesis process.
- 3. thermometer is used for measuring the temperature of water.
- 4. is used for manufacturing of soil fertilizers.

[B] Mention the importance of each of the following:

- Oxy-acetylene flame.
- 2. Spring scale.
- 3. Hot copper in preparing nitrogen from air.
- 4. Ozone layer.

[A] Choose the correct answer:

- 1. It is not from the upper limbs
 - a. humerus.
- b. forearm.

- c. shaft.
- When a mass of cleaning wire, which is made of iron gets burned in air with oxygen, its mass
 - a. increases.
- b. decreases.

c. doesn't change.

101



Comparison	Voluntary muscles	Involuntary muscles
Definition :		
Example :		

102



2. Its weight on the mod	on.		

C] Look at the medical th	ermometer in front	of you, then	answer:
Write what do number	ers refer to :		55 No. 17 18 19 40 41
①		2	3
②			
3			
2. Complete :			
1. It is used in			
2. The beginning of i	its scale is	C and end at	°C
ver the following question A] Complete the following	ons : ig statements :	Educational T	
A] Complete the following 1. The clinical thermom 2. Hydrogen peroxide is 3. Nitrogen gas occupie 4	eter is graduated from used in preparation of atmost	m ·············ga of ······ga spheric air.	to°C.
 Hydrogen peroxide is Nitrogen gas occupie 	eter is graduated from sused in preparation of atmost	m ······ga of ·····ga spheric air. uctors of heat.	to°C.
The clinical thermome 2. Hydrogen peroxide is 3. Nitrogen gas occupied 4	eter is graduated from sused in preparation of atmost	m ······ga of ·····ga spheric air. uctors of heat.	to°C.
Complete the following 1. The clinical thermome 2. Hydrogen peroxide is 3. Nitrogen gas occupie 4	eter is graduated from sused in preparation of atmost	mga ofga ospheric air. uctors of heat. the lungs.	to°C.
Complete the following 1. The clinical thermome 2. Hydrogen peroxide is 3. Nitrogen gas occupie 4	eter is graduated from sused in preparation of atmost are from bad conducted by down displaced as and weight acco	mga ofga spheric air. uctors of heat. the lungs.	to°C.
A) Complete the following 1. The clinical thermome 2. Hydrogen peroxide is 3. Nitrogen gas occupie 4	eter is graduated from sused in preparation of atmost are from bad conducted by down displaced as and weight acco	mga ofga spheric air. uctors of heat. the lungs.	r.



2 Part

0 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			*************************	
2. Wrist in hand	from freely movable	e joints.	***************************************	(
3. Oxygen gas is	used in cooling.			(
4. The weight is	constant and does r	ot change with the	change in place.	(
B] Mention one use	for the following	•••		
Good conduct				

2. Bad conductor	rs of heat.			

	wing figure then	answer:		
C] Look at the follo	wing nguie men		10 20 30 40 50 60 70 80 9	0 100
	me of this device			
	and the second s			
	me of this device			
1. What is the na	me of this device			
2. Mention the us	me of this device			
1. What is the na	me of this device ?			
1. What is the na	me of this device?			
1. What is the na 2. Mention the us 3. What is the liq	me of this device ? se of this device. uid which is used i		ton, so its mass	
1. What is the na 2. Mention the us 3. What is the liq	me of this device? se of this device. uid which is used i	n making it ?	ton, so its mass	
1. What is the na 2. Mention the us 3. What is the liques 1. The weight of	me of this device? se of this device. uid which is used i	n making it ?	ton, so its mass d. 2000 kg.	
1. What is the na 2. Mention the us 3. What is the liq 1. The weight of equals a. 2 kg.	me of this device? se of this device. uid which is used i	n making it ? surface is 20 New	d. 2000 kg.	
1. What is the na 2. Mention the us 3. What is the liq 1. The weight of equals a. 2 kg.	me of this device? se of this device. uid which is used i	n making it ? surface is 20 New c. 200 kg.	d. 2000 kg.	oxide
1. What is the na 2. Mention the us 3. What is the liq 1. The weight of equals a. 2 kg. 2. In respiration and an introgen	me of this device? se of this device. uid which is used in the sect answer: a body on Earth's b. 20 kg. and combustion, the b. argon	n making it ? surface is 20 New c. 200 kg.	d. 2000 kg. onsumed. d. carbon did	xide
1. What is the na 2. Mention the us 3. What is the liq 1. The weight of equals a. 2 kg. 2. In respiration and an introgen	me of this device? se of this device. uid which is used in the sect answer: a body on Earth's b. 20 kg. and combustion, the b. argon	n making it ? c. 200 kg. e gas is concerned.	d. 2000 kg. onsumed. d. carbon did	
1. What is the na 2. Mention the us 3. What is the lique of the corresponding of the corres	me of this device? se of this device. uid which is used it ect answer: a body on Earth's b. 20 kg. and combustion, the b. argon g are from good co b. glass.	n making it ? c. 200 kg. e gas is conductors of heat expendicular	d. 2000 kg. onsumed. d. carbon dic xcept d. aluminium	9
1. What is the na 2. Mention the us 3. What is the liq 1. The weight of equals a. 2 kg. 2. In respiration a a nitrogen 3. All the following a iron.	me of this device? se of this device. uid which is used it ect answer: a body on Earth's b. 20 kg. and combustion, the b. argon g are from good co b. glass.	n making it ? c. 200 kg. c. 200 kg. c. oxygen chouctors of heat ex	d. 2000 kg. onsumed. d. carbon dic xcept d. aluminium	gas.
1. What is the nation of the use of the correction of the correcti	me of this device? se of this device. uid which is used i b. 20 kg. and combustion, the b. argon g are from good co b. glass. process in the plan b. nitrogen	c. 200 kg. c. oxygen charters of heat extended the process of the	d. 2000 kg. onsumed. d. carbon did ccept d. aluminium	gas.



The cartilages.	of each of the following:	
2. Nitrogen gas.		

A] Write the scientific to	erm of each of the following stateme	ents :
1. The force with whic	h a body is attracted to the Earth.	(
2. A gas which change	e clear limewater turbid.	(
3. An organ consists of	of 33 vertebrae.	(
4. A gas which is nece	essary for rusting process.	(
B] Join from (A) what is	suitable from column (B):	
(A)	(B)	Street of Visit
1. Cranial nerves	a. responsible for involuntary process	ses.
2. Spinal nerves	b. responsible for voluntary processe	s.
3. Medulla oblongata	c. responsible for reflex action.	
4 Chinal cord	d. are 31 pairs.	
Spinal cord	COLD IN SECULIAR SECU	
	e. are 12 pairs.	
	e. are 12 pairs. 34.	rectorate
North Sinai Gover	e. are 12 pairs. 3	
North Sinai Government of the following question of the following ques	e. are 12 pairs. 3	
North Sinai Government of the following the following question of the following the following following the following following the following following following the following	e. are 12 pairs. 3	
North Sinai Government of the following question of the following of the f	e. are 12 pairs. 3	rectorate
North Sinai Government of the following state of the following of the following of the following state of the foll	e. are 12 pairs. 3	rectorate
North Sinai Government of the following state	e. are 12 pairs. 3	r temperature.



a. fire extinguisher. b. fertilizers.

c. soft drink.

d. dry ice.

6. The best metal in conducting heat is

a. aluminium.

b. copper.

c. iron.

d. mercury.

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z. The fibcage.	The ribcage.	
Choose from column (B) wha	t is suitable from column (A) :	
(A)	(B)	
1. Kilogram	a. is a liquid used in manufacture of thermometers.	
2. Celsius degree	b. is the measuring unit of mass.	
3. Mercury	c. keep the balance of human body during movement.	
4. Wieght	d. is the measuring unit of temperature.	
5. The two arm balanced scale	e. is the force with which a body is attract to the Earth.	
6. Cerebellum	f. is a device of measurement of mass.	
	lowing cases 2	
1. An iron nail wetted by water in the following of the second s	is exposed several days to humid air.	
1. An iron nail wetted by water i	is exposed several days to humid air.	

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هذا العمل حصرى على موقع ذاكرولى التعليمى ولا يسمح بنشره في أي مواقع أخرى لمزيد من أعمالنا تفضل بزيارة موقعنا على الانترنت https://www.zakrooly.com

4. The oxygen gas is consumed during and processes.



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	(
A long strips fix muscles with bones.	(
The unit building of nervous system.	(
6. The main source to prepare nitrogen gas.	(
[A] Correct the underlined word in each of the following sta	tements :
1. The liquid used in medical thermometer is alcohol.	(
2. Hydrogen gas is used in welding and cutting metal	
when combine with acetylene gas.	(
The vertebral column consists of 34 vertebra.	(
Carbon dioxide gas is needed for rusting process.	(
The ozone molecule consists of <u>four</u> oxygen atoms.	(
The handles of cooking pans made up of copper.	(
[B] Give reason for the following :	
There is a constriction in the medical thermometer.	
7 Matrouh Governorate The Educational Di	vectorate
7 Matrouh Governorate The Educational Di	irectorate
	rectorate
swer the following questions :	irectorate
swer the following questions :	rectorate
swer the following questions : [A] Complete the following statements :	
[A] Complete the following statements: 1. The heat is a form of the forms of	
[A] Complete the following statements: 1. The heat is a form of the forms of	is the
[A] Complete the following statements: 1. The heat is a form of the forms of	is the
Swer the following questions: [A] Complete the following statements: 1. The heat is a form of the forms of	is the
[A] Complete the following statements: 1. The heat is a form of the forms of	is the
[A] Complete the following statements: 1. The heat is a form of the forms of	is the



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110



- The heat transfers from the cold object to the hot object. 4. Knee joint is considered ed as freely movable joint.
- [B] From the opposite figure, complete: ① ② ③ The figure. is

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111



Cairo Governorate

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- (A) 1. Newton kilogram (or gram) 2. good.
- 4. white. oxygen.
- (B) 1. Due to the formation of calcium carbonate which doesn't dissolve in
- Because the ratio of oxygen gas decreases when we rise above the Earth's surface.
- (A) 1. Neuron. The brain. 2. Mass. 4. Oxygen gas

Spinal cord.

(B) 1. It is used to measure the weight of objects.

It is used to measure the temperature

- It protects the Earth from harmful of liquids. radiation coming from the Sun.
- 8 (A) 1. (X) 4 (*) 5 × 9. 3. 3. k
- (B) 1. The nervous system will be exhausted. 2. The temperature of Earth will increase
- (A) 1. c. Water. a. shoulder. 4. c. 200 gm 2, c. 33

and living organisms will suffocate.

- 5. c. water & oxygen gas.
- (B)

 Mercury bulb.
- Capillary tube

Thick glass tube

- (A) 1. b. wood. 2 Giza Governorate 2. b. Nitrogen.
- 3. b. slightly movable.
- b. liquid volume.
- 5. c. 12
- 6. a. 2 Newton.
- (B) 1. Legumes such as clover, peas and soybeans can't produce proteins in the absence of soil bacteria.
- Limewater turns into milky due to the presence of carbon dioxide in the

د اک سروایل

8

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- (A) 1.1
- 2. energy
- cerebrum.stainless steel.
- oxygen.balance.
- through. that let heat flow They are materials **Good conductors** that don't let heat flow They are materials through.
- (A) 1. Temperature. 3. Neuron.
- (B) 1. Because medulla oblongata controls 5, ozone gas. 2. Tendons.
 4. Weight.
 6. Thermometer.
- heartbeats. all the involuntary processes such as
- Because carbon dioxide doesn't burn and doesn't help in burning.
- (A) 1. Mass. 3. fatty.
- 4. below
- Manganes dioxide.
- 6. mercury.
- (B) 1. dilute hydrochloric acid. calcium carbonate.

8 Alexandria Governorate

- (A) 1. balance scale spring scale. The axon – axon terminals.
- increases increasing.
- dilute hydrochloric acid calcium carbonate.
- 5. Zero* 100°
- (B) 1. Limewater.
- Blood vessels muscles
- Magnesium oxide.
- (A) 1. Cerebellum. 3. Joints. Temperature.Nitrogen.
- (B) 1. manganese dioxide. 3. Aluminium
- 4. knee.
- (A) 1. b. 1 kg.
- c. three similar atoms
- 3. b. oxygen.
- d. the two cerebral hemispheres
- (B) 1. To remove oxygen gas from the atmospheric air by combining with it.

- Because wood doesn't allow heat to pass To protect the heart and the lungs
- Because the volume of liquids contract by as liquids expand by heating and change by changing the temperature through as it is bad conductor of heat. cooling.
- (A) 1. mercury. constriction going back to prevent mercury from to the bulb quickly. 2. capillary tube
- 4. 35 42
- (B) 1. 30 kg. 2. Its weight on the Earth = Its mass × 10
- = 300 Newton $= 30 \times 10$
- its weight on the moon = $=300 \times \frac{1}{6} = 50 \text{ Newton}$ Its weight on the Earth x &

t consists of the skull, it consists of the he backbone and the bones of the upper limbs and the bones of the limbs and

Kalyoubia Governorate

- 0 (A) 1. c. 1. 3. a. oxygen. d. glass and wood.
- 4. b. Blinking when something gets close to the eye.
- (B) 1. To prevent mercury from going back 2. To prevent bone diseases such as quickly to the mercury bulb in order to read The measurement easily.
- To avoid train accidents, where iron To protect the heart and the lungs osteomalacia and ricket. expands and twists by heat. is a good conductor of heat that
- (A) 1. Nervous system.
- Nitrogen. Medical thermometer. 3. Joints.
- (B) 1. It keeps the balance of the body
- 2. They fix the muscles with bones during movement.

3. It is used to measure the weight of

الصف السادس

Guide Answers of Final Exams

- It protects the Earth from harmful radiation coming from the Sun.
- (A) 1. A white substance is produced.
- It causes osteoporosis and may cause
- We can't make handles of cooking clothes that keep us warm in winter. pots and also we can't make heavy
- Liquefled nitrogen is produced that is used in cooling.

0

2. Measuring Balance scale -

(A) 1. (x) 2.3 3. (×) 4 (x)

CANCE.

- Calcium carbonate.
- ③ Carbon dioxide.
- It is used in making soft drinks

Sharkia Governorate

- ♠ (A) 1. 12 paris 31 paris
- photosynthesis burning
- higher lower.
- 5. The brain skull gravity – weight.
- (B) 1. To avoid train accidents, where iron is good conductor of heat that expands

and twists by heat.

- Because it protect the Earth from harmful radiation coming from the Sun
- (A) 1. Atmospheric air. Tendons. Heat insulators Carbon dioxide
- 5. Neuron





التعليمي ويسمح بمشاركته فقط ولا يسمح بتداوله على الانترنت العمل حصري على موقع ذاكرولي

2+2-8

- (B) 1. a. It is good conductor of heat b. It is a regular expanding material
- 2. (i). Cell body.
- Myelin sheath.
- Axon terminals
- (A) 1. It dissociates in the presence of manganese dioxide into oxygen gas and water.
- 2. It is used to measure the weight of objects.
- 3. It is used to measure the temperature of liquids.

(B) 1. b. thigh.

3. c. copper.

2. b. temperature 4. c. 12

- (A) 1. carbon dioxide. 5. c. O₂
- medical thermometer.
- increases.
- Medulia oblongata.
- 5. lifeless gas.
- (B) 1. Weight on Earth = Mass × 10 = 6 x 10 = 60 Newton.
- 2. Weight on moon = weight on Earth x & = 60 × = 10 Newton.

Menofia Governorate

(A) 1. d. Spring.

2. d. mercury

- a. Calcium carbonate. 5. d. Plastic. 3. c. Copper 4. d. knee.
- (B) 1. This causes osteoporosis and may cause death.
- Train accidents will occur
- (A) 1. Newton.
- Oxy-acetylene flame Temperature. 4. Nitrogen.
- Global warming.
- Medulla oblongata.
- (B) 1. Its mass on the Earth = 30 kg.
- 2. Its weight on the Earth = Its Mass x 10 = 30 × 10 = 300 Newton

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3. Its weight on the moon

د اک سروایل

42

 $= 300 \times \frac{1}{6} = 50$ Newton. = It weight on Earth x }

- (A) 1. gray.
- 3. Carbon dioxide 4. cerebrum. mercury

6. decreases

- 5. oxygen.
- (B) 1. Neuron. 2. (i). Dendrites 3 Axon.
- Cytoplasm
- (A) 1. heat conductors heat insulators
- 2 (-39°C) (357°C) pressure – cooling
- 4. 12 31
- burning oxidation.
- spinal cord keeping the balance of the body during movement.
- (B) 1. To prevent the leakage of heat. Because it causes relative constancy
- temperature changes. of the volume of car tires when the

Gharbia Governorate

- (A) 1. 35-42
- the brainal the spinal cord
- volume temperature.
- axygen carbon dioxide.
- balance scale spring scale.
- (B) 1. Because they are good conductors of heat
- Because nitrogen is an inactive element.Due to removal of forests and burning large amount of fuel.
- (A) 1. Ozone gas.
- Celsius thermometer.
- Appendicular skeleton.
- Heat energy.
- Acetylene gas.
- = 30 × 10 = 300 Newton.

(B) 1. Weight on Earth = mass x 10

- 2. Weight on moon = Weight on Earth x &
- Its mass on the moon = 30 kg = 300 × = 50 Newton
- (A) 1. c. sleepless.
- a. carbon dioxide
- 3. c. 71 Newton.
- b. gives limited extent to measure temperature.
- a. magnesium oxide and coal

- (B) 1. It causes poisoning to the person as mercury is a toxic substance.
- 2. The withdrawal of your hand will occur quickly.
- Train accidents will occur.
- (A) 1. Cerebellum. 3. two. 4. Iron. Nitrogen gas.
- calcium carbonate.
- (B)

 Cell body. Axon terminals. @ Axon.
- . Dakahlia Governorate
- (A) 1. thermometer.
- 4. 5 kg. hydrogen peroxide. 2. the brain - the spinal cord 5. fractures
- (B) 1. It is used to measure the temperature
- 2. It is used in refrigeration (cooling). of liquids.
- 3. It removes oxygen gas from atmospheric air by combining with it.
- 2 (A) 1. Mass.
- Involuntary muscles.
 Carbon dioxide.
- Medulla oblongata.
- Oxygen gas.
- (B) 1. Because it is good conductor of heat To prevent friction between bones
- Because it causes relative constancy (vertebrae) during movement. of the volume of car tires when the temperature changes.
- (A) 1. d. mercury. a. scarcely. 4. d. 1 Newton d. spinal cord.
- b. calcium carbonate.
- (B) 1. Nitrogen oxide will produce.
 2. Mercury will return back quickly The body can't move. to the bulb and we can't read the measurement correctly.
- **9 2 2** 3 E 6 3. (* *)
- (B) 1. Stay away from addiction. Doing physical exercises.

Ismailia Governorate

الصف السادس

Guide Answers of Final Exams

- (A) 1. b. 100 5. c. nitrogen. b. burning. 4. c. Copper. 2. d. skull joints.
- (B) 1. The mass of rock = 300 gm = 1000 = 0.3 kg.
- The weight of the rock By changing the place, the mass of the rock will not change while its weight will change. = mass (kg.) × 10 = 0.3 × 10 = 3 Newton
- (A) 1. (X) 3 3 5. (× 6. (×) 3. (×)
- (B) 1. Magnesium ribbon keeps burning for The withdrawal of your hand will occur a short time producing magnesium carbon which is a black substance. oxide which is a white substance and
- (A) 1. Involuntary muscles
- Heat insulators.

محروكي

- Oxy-acetylene flame
- The brain.
- (B) 1. It produces carbon dioxide during porous and tasty. fermentation which makes bread

201-901

- 2. It protect the Earth from harmful radiation that come from the Sun.
- (C) 1. Medical thermometer.
- Capillary tube.
- Transparent thick glass tube
- Constriction.
- (A) 1. balance spring
- green plants photosynthesis
- 3. energy high.
- tendons cartilages
- 5. 12 pairs 31 pairs
- (B) 1. To keep our bodies warm because woolen clothes are bad conductors of
- To protect them from rusting.To keep the nervous system healthy.



ويسمح بمشاركته فقط ولا يسمح بتداوله على الانترنت التعليمي

2+2-8

العمل حصري على موقع ذاكرولي

=

Suez Governorate

- (A) 1. good. 4. 0.03 % – CO₂
 5. cerebellum – medulla oblongata 2. place. 3. energy.
- (x) 1. (x) 4. (x) 5 × 6. (x x x
- (B) 1. Because this increases the percentage of carbon dioxide gas.

Because aluminium is a good

conductor of heat, while plastic is a

- (A) 1. a. oxygen. bad conductor of heat. 2. b. 1 Newton.
- 6. b. O2 5. b. oxygen and water. 3. c. 12

4. b. cerebellum.

- (B) The weight on the Earth = mass x 10 = 10 × 10 = 100 Newton
- (A) 1. Medical thermometer.
- O Mercury bulb. Constriction. Capillary tube
- (B) 1. different rates.
- Carbon dioxide
- three. Tendons.

Port Said Governorate

- (A) 1. weight Newton.
- bad handles of cooking pots
- nitrogen oxygen 4. 35 - 10 parts
- Skull backbone.
- Carbon dioxide calcium carbonate.
- (B) Medical thermometer only has a going back quickly to the bulb, so we constriction to prevent mercury from can read the measurement easily.
- (A) 1. Mercury. 3. volume.

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- 4. cerebrum 2. Ozone.
- (B) 1. Weight on Earth = Mass x 10 300 = Mass × 10
- Mass = 300 = 30 kg

- 2. Weight on Moon = 6 x Weight on Earth $=\frac{1}{6} \times 300 = 50 \text{ Newton}$
- (C) 1. Due to the formation of ammonia gas which has a pungent smell.
- To prevent friction between vertebrae (bones) during motion.
- (A) 1. b. fertilizers. 2. a. decrease

0

- 4. a. heavier than air. 3. c. trunk.
- Their numbers: 12 pairs. The place emerge from: where they comparison Points of the brain. They emerge from from the nerves Cranial Spinal nerves 31 pairs. spinal cord. They emerge
- (C) 1. The mass of the cleansing wire will oxygen. increases, because it combines with
- 2. We can't hold the kettle, because copper is a good conductor of heat.
- (A) 1. Carbon dioxide gas. 3. Joints. 2. Temperature 4. Oxygen gas
- objects.

(B) It is used to measure the mass of

- (C) 1.

 Cell body. neuron. ② Dendrites.
 - Nucleus.Axon.

12 Damietta Governorate

- (A) 1. Celsius thermometer medical thermometer
- oxygen hydrogen.
- 3. axial skeleton appendicular skeleton.
- balance scale Newton
- (B) 1. The knee joint ...
- 2. ... its weight on moon's surface is 10 Newton.
- Copper conducts heat faster than aluminium and iron.
- 4. ... by absorbing the ultraviolet radiation ...

- ② (A) 1. c. glass and wood.
- a. spinal Nerves.
- 6. a. Tendons.
- (B) 1. The nervous as they lead to nervous tension and affect the heartbeats. system will be harmed

3. a. volume.

to the eye.

4. b. 100 gm.

- suffocate. Reflex action.
- (A) 1. Mass.
- Temperature.
- Oxy-acetylene flame.
- (A) 1. Because wood and plastic are bad good conductor of heat. conductors of heat, while aluminium is

Example:

movement. don't allow any

that allow movement in

all directions.

Shoulder joint

محروثي

the joints They are

the air. the hot copper remove oxygen from absorbs carbon dioxide from air, while

(A) 1. fissure - nerve fibres.

the skull. the bones of Joints between

nitrogen gas – azote.

- any object will change from a planet depends on its mass, so the weight of to another.
- to the bulb quickly, so we can read the measurement easily.
- 2. They contain the centers of thinking and memory.

2 Kafr El-She ikh Governorate

- (A) 1. Carbon dioxide gas
- Mass.
- Appendicular skeleton.
- Temperature.
- (B) 1. spring scale weight of objects.2. ribcage (ribs) protect the heart
- the lungs. - protect the heart and

c. Daniel Rutherford.

(C) 1. It acts as a catalyst during preparation

2. It keeps the balance of the body

during movement.

الصف السادس الابتد

Guide Answers of Final Exams

- 5. c. the spring scale. a. calcium carbonate.

(A) 1. c. calcium hydroxide

c. blinking when something gets close

- The temperature of the Earth will
- increase and living organisms will

(B) 1. Because oxygen scarcely dissolves in

water.

2. Because wood and plastic are bad

conductors of heat.

Oxygen.

0

Points of

Immovable joints

movable joints

Freely

- Involuntary muscles.

(B) 1. neuron.

2. O Axon.

Nucleus

Definition: comparison

They are the oints that

- Dendrites.
- Because potassium hydroxide
- 3. Because the gravity of a planet

(B) 1. mercury.

2. three.

3. muscle.

4. 35 - 42

weight.

24-30)

3. Cartilages.

calcium carbonate

2.0

3. 8

2 (×)

3. (×)

- (B) 1. It prevents mercury from going back
- (A) 1. b (B) 1. (S) (C) 1. Neuron.

Ħ O Axon terminals Beheira Governorate Axon.

- (A) 1. hydrogen peroxide manganese
- 2. 33 31 dioxide.

المصاد

- Celsius thermometer medical thermometer.
- the brain the skull.
 0°C 100 °C





1

التعليمي ويسمح بمشاركته فقط ولا يسمح بتداوله على الانترنت العمل حصري على موقع ذاكرولي

2+2-8

الخوك	اسی	الكار	عطالح	20
				_

	Points o	(B)
The amount	on Mass	
The gravitati	Weight	

Points of comparison	Mass	Weight
Definition :	The amount of matter in an object.	The gravitational force by which a body is attracted to the Earth.
Effect of different places:	Constant	Variable.
Direction:	It has no effect	Its effect is always towards the centre of the Earth.

(A) 1. Spinal cord

Nitrogen gas.

- Temperature
- 4. Carbon dioxide gas.
- Tendons. 6. Heat insulators
- (B) 1. It is used in welding and cutting It prevent mercury to return back quickly to the mercury bulb, so we can
- (A) 1. b. carbon. a. nerve cell axon.

read the measurement easily.

- 3. c. Copper. 5. b. 100
- (B) 1. Because it gives relative constancy b. Nitrogen. to the volume of car tires when the
- To prevent bone diseases such as osteomalacia and rickets. temperature changes.
- 3. Due to the formation of calcium carbonate which is insoluble in water.
- (A) 1. Carbon dioxide is produced during porous and tasty. fermentation, so the bread becomes
- 2. Protein substance that builds up the bodies of all living organisms is not formed
- The weight of the body will decrease
- (B) 1. It is good conductor of heat.

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- It is a regular expanding material.
 It doesn't stick to the walls of the
- capillary tube.
- 46

د اک دروالله

 It is a liquid metal that can be seen easily through the thermometer glass.

- Stay away from addiction.
- Stay away from sources of pollution

ø Fayoum Governorate

- green plants photosynthesis.
- (B) 1. It protects the heart and the lungs
- (A) 1. b. Copper. 3. b. 1 Newton. 2. c. Elbow. 4. b. Nitrogen.
- (B) 1. Iron will combine with oxygen in the
- presence of water, so iron will rust.

 2. The nervous system will be exhausted
- as they lead to nervous tension and affect the heartbeats and the sleeping periods.
- (A) 1. The mass. mercury.
- (B) 1. Because nitrogen scarcely dissolves in water.
- quickly to the bulb, so we can read the measurement easily.
- (A) 1. Weight.
- Heat insulators.
- (B) 1. Calcium carbonate.
- Dilute hydrochloric acid

6 Beni-Suef Governorate

- hotness coldness.
- 4. cell body axon

- Doing physical exercises.
- 3 Shaft bones.
- 3. (i) Femur. (ii) Foot bones.

- (A) 1. kilogram (or gram) Newton 2, the brain - skull.
- 2. It is used in welding and cutting metals.
- 5. d. cerebellum.

- 4. manganese dioxide. 5. 12 pairs
- 2. To prevent mercury to return back
- Ozone gas.
 Nitrogen gas.
- Spinal cord.
- ① It is used in making soft drinks.
 ② It is used in extinguishing fires.

- (A) 1. pressure cooling.
- 2. mass spring.

التعليمي ويسمح بمشاركته فقط ولا يسمح بتداوله على الانترنت

2+2-8

- (A) 1. Because it controls all the involuntary processes such as heartbeats.
- porous and tasty. expands by heat making the bread dioxide during fermentation, that
- Because these muscles work their movement. automatically and you can't control
- Because it causes relative constancy temperature changes. of the volume of car tires when the
- (A) 1. c. air. 4. a. - 39:357 3. a. slightly movable. 2. a. 4 kg.

(B) 1. Reflex action

3. Mercury.

4. Weight. Tendons.

- (A) (Cerebrum. @ Cerebellum
- To keep the balance of the body Medulta obiongata.
- ê

during movement.

2. Example : Iron rusting	1. Definition :	Points of comparison
Iron rusting	It is a slow combination (union) between oxygen and element in the presence of moisture (water)	Oxidation
Burning a piece of cleansing wire	tt is a slow combination (union) between (union) between (union) between oxygen and element the presence of moisture (water) It is a rapid combination (union) between oxygen and element producing heat and light.	Burning

7 .EI-Minia Governorate

- 1. balance scale -Newton.
- 2.78%-21%
- 3. 31 pairs.
- spring scale.
- hydrogen peroxide manganese dioxide.
- 2 1. Joints. Oxygen gas.
- Medical thermometer.

(A) 1. A white substance will produce

Guide Answers of Final Exams

Because yeast produces carbon Limewater turns milky due to the

الصف السادس الايتد

- (B) 1. Because aluminium is good conductor Because it protects the Earth from harmful radiation coming from the Sun. of heat, while plastic and wood are is insoluble in water. formation of calcium carbonate which bad conductors of heat.
- (A) 1. carbon dioxide. calcium carbonate.

Because it controls all the involuntary

processes such as heartbeats.

- dilute hydrochloric acid.
- (B) 1. Weight on Earth = mass x 10 2. Weight on Moon = Weight on Earth × 1 = 30 × 10 = 300 Newton
- (C) 1. (×) 3 $= 300 \times \frac{1}{6} = 50 \text{ Newton.}$ 3.3

18 **Assiut Governorate**

1. Newton - kilogram (or gram)

Care

- Nitrogen oxygen.
- the brain skull. 4. energy. 5, 12
- (A) 1. a. Earth. 2. b. iron

3. c. all the previous.

- Al-30)

- 5. b. 100 Newton. c. carbon dioxide. 6. a. 21 %
- (B) 1. They allow the movement between bones.
- It protects the Earth from harmful radiation that come from the Sun.
- (A) 1. Carbon dioxide. Mass. 2. Tendons
- Celsius thermometer.
- (B) 1. b 2.8 3.0
- (A) ① White matter. (B) 1. Because aluminium allow the flow of heat through as it is a good conductor ② Gray matter.
- Because it causes relative constancy of the volume of car tires when the temperature changes.

of heat.

47

العمل حصري على موقع ذاكرولي

- (C) 1. Iron will combine with oxygen in the presence of water, so the iron nail will
- 2. The mercury will return back quickly temperature reading. to the bulb before determining the

Sohag Governorate

- (A) 1. a. Elbow. 3. c. carbon.
- 2. a. 50. 4. d. plastic.
- (B) 1. Iron will combine with oxygen in the c. fertilizers.
- presence of water, so iron will rust.

 2. The nervous system will be exhausted affect the heartbeats and sleeping as they lead to nervous tension and
- Mercury will return back quickly to the temperature correctly. mercury bulb and we can't read the
- (A) 1. Hydrogen peroxide.
- 2. Spring scale.
- Heat conductors. Reflex action.Nitrogen gas.
- (B) 1. dilute hydrochloric acid. calcium carbonate.
- Carbon dioxide gas is collected by it is heavier than air and easily upward displacement of air because dissolves in water.
- (A) 1. bone. 2. Nitrogen. 3. 31 - 12
- measure the temperature of human body - measure the temperature of liquids.
- (B) 1. Weight on Earth = Mass x 10
- = $12 \times 10 = 120$ Newton. 2. Weight on Moon = Weight on Earth $\times \frac{1}{6}$ = $120 \times \frac{1}{6} = 20$ Newton.
- (A) 1. To protect the heart and the lungs. Because it protects the Earth from
- to another. any object will change from a planet Because the gravity of a planet depends on its mass, so the weight of harmful radiation coming from the Sun.

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To prevent the leakage of heat as air is bad conductor of heat.

- (B) 1. blood vessels muscles
- oxygen.
- cerebrum.

20 Qena Governorate

- (A) 1. hydrogen peroxide manganese dioxide.
- the place. 3. Ceisius.
- central nervous system peripheral nervous system.
- (B) 1. It is used in welding and cutting metals
- 2. They prevent friction between vertebrae during movement.
- 2 (A) 1. (X) 5 ×
- (B) 1. To prevent mercury from going back read the temperature easily. quickly to the mercury bulb, so we can
- Because carbon dioxide doesn't burn and doesn't help in burning.
- 3. Because it controls all the involuntary processes such as heartbeats.
- (A) 1. b. copper.
- 3. c. 12 pairs. 2. b. 100 4. c. nitrogen
- 5. a. spring scale.
- (B) 1. Mass on the Moon = 30 kg.
- 2. Weight on Earth = Mass × 10 = 30 × 10 = 300 Newton.
- 3. Weight on Moon = 1 × Weight on Earth $=\frac{1}{6} \times 300 = 50$ Newton
- (A) 1. Spinal cord. Heat energy
- Carbon dioxide gas.
- 4. Heat conductors. 5. Mass
- (B) ① Femur. ② Shaft bones
- Foot bones

2

- Backbone cartilages
- 3. gravity weight

Luxor Governorate

- 0 1. 35 42

- 4. the brain skull

8

د اکسرولیه

التعليمي ويسمح بمشاركته فقط ولا يسمح بتداوله على الانترنت هذا العمل حصري على موقع ذاكرولي ا

(A) 1. Involuntary muscles

- Nitrogen. 3. Spinal cord.
- Ozone gas.
- 6. Mercury.
- Appendicular skeleton.
- (B) 1. Because oxygen scarcely dissolves in Because it controls the involuntary water.
- (A) 1. (x) 2(1) 3. (×) 4. (×)

processes such as heartbeats.

- (B) 1. c. iron. 3. a. fertilizers. a. oxygen. b. slightly movable.
- (A) 1. The mass on the moon's surface = 30 kg 2. The weight on the Earth's surface = Its Mass × 10 = 30 × 10

= 300 Newton

- (B) 1. carbon dioxide gas.
- Calcium carbonate
- Carbon dioxide gas

2 Aswan Governorate

- (A) 1. 35 42
- 2. carbon dioxide oxygen.
- 3. wood plastic.
- 4. the skull the ribcage
- 5. place. - the backbone
- (B) 1. It is used in welding and cutting metals 2. It prevent friction between bones during movement.
- 2 (A) 1. c. 100
- 2. a. carbon.
- c. gives limited extent to measure 3. b. Copper. temperature.
- d. spinal cord.
- (B) 1. Because it protects the Earth from Sun. harmful radiation coming from the
- 2. Because it controls all the involuntary processes such as heartbeats.

(A) 1. Heat conductors

Guide Answers of Final Exams

Nitrogen gas. 5. Reflex action Weight. 3. Tendons.

المنف السادس

- (B) 1. Iron will combine with oxygen in the
- The nervous system will be exhausted. presence of water, so the iron nail will
- 013 3 5. (x) 2.(x) 3.(V)
- (B) 1. calcium carbonate.
- 2. It is used in making soft drinks dilute hydrochloric acid

28 New Vallay Governorate

- (A) 1. a body is attracted.
- Oxygen.
- Nitrogen. Celsius.
- (B) 1. It is used in cutting and welding metals.
- It is used to measure the weight of objects.

Care

- It removes oxygen from atmospheric air by combining with it.
- It protects the Earth from harmfu radiation coming from the Sun.
- 2 (A) 1. c. shaft. a. increases
- 4. b. 31 pairs.
- c. mercury.
- (B) It causes : nervous tension.
- (C) 1. To protect them from rusting. sieepiess.
- Because carbon dioxide doesn't burn and doesn't help in burning.
- **◎ ≥** : 3 3. (×)
- 3 9 P 33
- (B) 1. Limewater turbids due to the
- A white substance is produced which Train accidents will occur. formation of calcium carbonate. reacts with water forming ammonia gas.

49 مدر المعاصد مدر المات (Guido Anamora) / ١ ب / نير ١ (١٠٤)

⊙ ≥

control its or ever movement. their m	They are the They a muscles that the mu can move that ca automa you can you can	Points of Voluntary Invo	
	They are the muscles that can move automatically and you can't control or even aware of their movement	Involuntary muscles	

- (B) 1. Weight on Earth = Mass x 10
- Mass = 300 = 30 kg. 300 = Mass × 10
- 2. Weight on Moon = 2 × Weight on Earth = 2 × 300 = 50 Newton
- (C) 1.

 O Transparent thick glass tube Mercury bulb.
- 1. measuring the temperature of Capillary tube. human body.
- 2.35-42

24

South Sinai Governorate

- ⊕ (A) 1. 35 42 3. 78 oxygen.
- 4. plastic wood
- (B) 1. To protect the heart and the lungs.2. Because oxygen scarcely dissolves in water.

0

- (A) 1. (x) ... faster than iron
- 3
- 3. (x) Nitrogen gas ... 4. (x) The mass is constant ...

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- (B) 1. They are used in making cooking pots.
 2. They are used in making handles of
- cooking pots.

د اک سروایل

50

- (C) 1. Celsius thermometer.
- Mercury. It is used to measure the temperature of liquids.
- 2. c. oxygen.
- (A) 1. a. 2 kg. 2. c. ox
 4. d. carbon dioxide. 3. b. glass.
- (B) 1. The withdrawal of your hand will occur.
 2. The temperature of the Earth will increase and living organisms will
- (C) 1. They prevent friction between vertebrae (bones) during motion

suffocate.

It is used in making fertilizers.

- (A) 1. Weight.
- Carbon dioxide gas
- Backbone. 4. Oxygen gas
- (B) 1. e 2. d 3. a

2 North Sinai Governorate

- (A) 1. 33 3. Ceisius thermometer. 2, the brain
- 4. The mass of body.
- 5. 78 6. oxygen.
- (B) 1. Because carbon dioxide gas doesn't burn and doesn't help in burning.
- 2. Because aluminium allow the heat to of heat. flow through as it is a good conductor
- (A) 1. Mass. 3. Joints.

2. Ozone gas.

- 4. Spinal cord.
- 5. Nitrogen.
- Carbon dioxide
- (B) 1. It is the degree of hotness or coldness of a body.
- 2. They are materials that don't let heat flow through.
- (A) 1. b. oxygen. 2. b. thigh
- 3. d. two cerebral hemispheres.
- 6. b. copper. 4. c. 100 5. b. fertilizers
- (B) 1. It is used to measure the weight of an object
- It protects the heart and the lungs

ويسمح بمشاركته فقط ولا يسمح بتداوله على الانترنت

2+2-8

(A) 1. b 2. d 3.0

- (B) 1. Iron will combine with oxygen in the rust. presence of water, so the iron nail will
- The nervoues system will be harmed affect the heartbeats and the sleeping as they lead periods. to nervous tension and

26 Red Se a Governorate

- (A) 1. kilogram (or gram) 2. 35 42 3. 12
- 4. respiration burning
- (B) 1. It is used to measure the weight of
- 2. It is responsible for the reflex action. objects.
- (A) 1. b. thigh. 3. c. copper. 4. b. cerebellum. 2. c. nitrogen.
- wood.
- 5. c. glass and
- 6. a. oxygen.
- (B) 1. The temperature of the Earth will increase and living organisms will suffocate.
- 2. The nervous system will be exhausted as they lead to nervous tension and affect the heartbeats.
- (A) 1. Weight on Earth = Mass x 10 = $30 \times 10 = 300$ Newton 2. Weight on Moon = Weight on Earth $\times \frac{1}{6}$
- = 300 × 6 = 50 Newton
- (B) 1. Heat conductors.
- Carbon dioxide gas.
 Celsius thermometer.
 Findons.
- 6. Atmospheric air.
- (A) 1. mercury. 2. Oxygen.
- 3. 33 vertebra.
- 5, three. photosynthesis process. 6. plastic.
- (B) 1. To prevent mercury from going back
- quickly to the bulb, so we can read the measurement easily.
- Because the Earth has greater mass and gravitational force than the Moon.

Matrouh Governorate

الصف السادس

Guide Answers of Final Exams

- (A) 1. energy.
- The brain. 2. kilogram (or gram) - Newton.
- 4. 21 78
- (B) 1. It protects the heart and the lungs It is used in welding and cutting
- (A) 1. b. copper.
- b. nitrogen. 2. a. 15 kg. 4. b. Wood.
- (B) 1. Because it causes relative constancy of the volume of car tires when the temperature changes.
- ω Because it protects the Earth from Because it is good conductor of heat harmful radiation coming from the Sun. and it is a regular expanding material.
- (A) 1. Carbon dioxide.
- Reflex action.Heat conductors. Nitrogen gas. 3. Spinal cord.
- (B) 1. Weight on Earth = Mass x 10

Care

- Mass = 190 = 19 kg 190 = Mass × 10
- (A) 1. (x) ... is 12 pairs.
- 2. (x) three oxygen otoms
- 3. (x) ... from the hot object to the cold object.
- 4. (x)... slightly movable joint
- (B)
 Dendrites. Axon terminals. Axon.
 neuron
- تفوقك في أي مذكرة عليها العلامة دي العالمة العلامة العلامة العلامة العلامة العلامة العلامة عليها العلامة دي



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العمل حصري على موقع ذاكرولي





Some exams questions have been modified according to the ministry modifications for the first term 2019 - 2020





1 (Ca

Cairo Governorate

Manar House International Schools

Answer the following questions	Ans	swer	the	foli	lowing	quest	tions	
--------------------------------	-----	------	-----	------	--------	-------	-------	--

	200
uring the tempera	ature of
measuring the te	mperature of
weight is measure	ed by
and	K
due to the form	nation of
56)	10 *** 20 ****
lume of air , while	represents
©	(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c
ng statements :	- WI
	()
18	. ()
pots and kettles.	()
in all directions.	()
in burning.	()
ignesium ribbon i	s burnt in a cylinder
	()
following applica	tions except
The second section of the second seco	power-up to a new years with the con-
0.0 to 11- a 24-a 24-a 25-a 25-a 25-a 25-a 25-a 25-a 25-a 25	
lute hydrochloric	acid to calcium
c. Oxygen	d. All the previous
ds on	**
b. gravity.	
	measuring the terveight is measured weight is measured was and weight of the form due to the form due to the form making and making a colute hydrochloric c. Oxygen dis on

94)



هذا العمل حصرى على موقع ذاكرولى التعليمى ولا يسمح بنشره فى أى مواقع أخرى لمزيد من أعمالنا تفضل بزيارة موقعنا على الانترنت https:\\www.zakrooly.com

d. distance from planet.

c. amount of matter.

123	A Newton is the weight	ght of a ball its ma	ass is	
	a. 80 grams.	b. 8 kg.	c. 8 grams.	d. 100 grams.
	5. ····· gas is used	with acetylene to	weld metals.	
	a. Carbon dioxide	b. Nitrogen	c. Oxygen	d. All the previous
88	6. A rapid combination	between oxygen	and an element p	roducing
18	a. heat.		b. light.	971
	c. (a) and (b).	÷	d. no correct a	answer.
3. [A]	Give reasons for :			
	1. The presence of a	constriction in the	medical thermom	eter.
			***************************************	***************************************
	2. The cerebrum is a v	ery important par	t of the brain.	7# X

	3. Weight of an object of	on the Earth's surf	ace is more than it	s weight in a balloon.

	4 70 0 0 0			•••
	4. The handles of cool	ding pots are mad	ie of wood or plas	stic.
[B] (Correct the underline	d words in the fo	allowing stateme	nte ·
	Ozone gas consists			()
	*** ***** ****************************		-8 5	()
	2. Newton is the amou		07154 ASVE AS ES BO 1	
	3. <u>Light</u> is a form of en	P 67-20	s from the higher	temperature object
	to the lower tempera	er erro PAS som re	45%	()
2	4. The <u>cerebrum</u> contr	ols the involuntar	y movement.	()
4. [A] V	What happens when .	?		
9	1. You hold a piece of i	ce.		

	2. The percentage of C	O ₂ gas in air incr	eases.	
		MATACON DEPARTMENT		
	***************************************			(OF)
				95)



[B] Notice the following figure and write down



(2)		12) 20)
		3
③		k T
4	2	-
[C] Problem :		.00
	s 90 kg., calculate its weight on both surf	ace
of the Earth and the moon.		
***************************************		ere same
	E 180 St	964
2 Cairo Governorate	Basateen and Dar El-Salam Educational Administration	\mathcal{L}
nswer the following questions :		-8 10
[A] Complete the following sentence	ces:	
Nervous system consists of two and	o main systems which are	
2. Handles of cooking utensils are	e made up of and	
3. Weight of an object can be mea	OU DE DESCRIPCIONES DE SERVICIONES D	
	And the Annual Control of the Annual Control of the	72.5
4. Oxygen combines with acetyler	ne gas to produce	
17/65/64 AB/V	1970 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
[B] Write one function of the follow	1970 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
[B] Write one function of the follow	ving :	
[B] Write one function of the follow 1. Ribcage :	ving :	
[B] Write one function of the follow 1. Ribcage: 2. Carbon dioxide gas: 3. Celsius thermometer:	ving :	
[B] Write one function of the follow 1. Ribcage: 2. Carbon dioxide gas: 3. Celsius thermometer: [A] Write the scientific term of each	h of the following statements :	
[B] Write one function of the follow 1. Ribcage: 2. Carbon dioxide gas: 3. Celsius thermometer:	ving :	
[B] Write one function of the follow 1. Ribcage: 2. Carbon dioxide gas: 3. Celsius thermometer: [A] Write the scientific term of each	h of the following statements :	
[B] Write one function of the follow 1. Ribcage: 2. Carbon dioxide gas: 3. Celsius thermometer: [A] Write the scientific term of each 1. Mixture of gases surrounding	h of the following statements : the Earth. s of an object.	
[B] Write one function of the follow 1. Ribcage: 2. Carbon dioxide gas: 3. Celsius thermometer: [A] Write the scientific term of each 1. Mixture of gases surrounding to the scientific service of service of the scientific service of the scientific service of the scientific service of service of the scientific service of the	h of the following statements : the Earth. s of an object.	
[B] Write one function of the follow 1. Ribcage: 2. Carbon dioxide gas: 3. Celsius thermometer: [A] Write the scientific term of each 1. Mixture of gases surrounding to the scientific service of service of the scientific service of the scientific service of the scientific service of service of the scientific service of the	h of the following statements: the Earth. s of an object. ards different stimuli. spheric envelope represents 78 %. (
[B] Write one function of the follow 1. Ribcage: 2. Carbon dioxide gas: 3. Celsius thermometer: [A] Write the scientific term of each 1. Mixture of gases surrounding to the scientific service of	h of the following statements: the Earth. s of an object. ards different stimuli. spheric envelope represents 78 %. (



1. Write what represent following figure: a b 2. The method of preparately called called	aration of this gas) A	Carbon dioxide gas
[A] What happens when .	?			
1. Two bodies have the	e same temperat	ure touch each	other .	- 1

2. Ozone layer is deca	ved.			i e
	· · · · · · · · · · · · · · · · · · ·	***************************************		·
The medulla oblong	ata is damaged.			
***************************************	······································			
IDI Chasas the assess of				
[B] Choose the correct a				
Melting point of ice is a. 100	b. zero	c. 42	d. 37	15
2. A gas turns limewate	the state of the s		u. 37	16.
176.4) 1964 - C.	b. nitrogen	c. ozone	d. carbor	n diovide
a. oxygen 3. Peripheral nervous s	CONTROL OF COURT OF THE CONTROL OF T	115/16/25/25/25/25/26/65	5005575055000 F/2	I dioxide
a. 31	b. 12	c. 21	d. 43	
4. 5000 grams are equa		0.21	W. 40	
a. 50	b. 500	c. 5	d. 0.5	
4.00	0.000		7	
 [A] Give reasons for each 	of the following	g:	E	
 Presence of a constr 	riction in medical	thermometer.		
***************************************		••••••		
***************************************	*********************			



هذا العمل حصرى على موقع ذاكرولى التعليمى ولا يسمح بنشره في أي مواقع أخرى لمزيد من أعمالنا تفضل بزيارة موقعنا على الانترنت https://www.zakrooly.com

المحاصد علوم لغات (Notebook) / ۲ ب/ تيرم ۱ (م: ۱۳)



3] If you know that the weight of an object on the Eart	th surface equal
Newton, calculate:	<u>*</u>
Mass of the object on the Earth.	
2. Mass of the object on the moon's surface.	
3. Weight of the object on the moon's surface.	6.
Cairo Governorate Heliopolis Educ Patriarchal	
Patriarchal wer the following questions: Write the scientific term of the following statements	College:
Patriarchal ver the following questions: Write the scientific term of the following statements 1. The amount of matter in an object.	College:
Patriarchal The following questions: Write the scientific term of the following statements 1. The amount of matter in an object. 2. The building unit of the nervous system.	College :(
Patriarchal The following questions: Write the scientific term of the following statements 1. The amount of matter in an object. 2. The building unit of the nervous system. 3. Location at which bones meet each other.	: (
Patriarchal The following questions: Write the scientific term of the following statements 1. The amount of matter in an object. 2. The building unit of the nervous system.	: (
Patriarchal Ter the following questions: Write the scientific term of the following statements 1. The amount of matter in an object. 2. The building unit of the nervous system. 3. Location at which bones meet each other. 4. The speed automatic response of the body to external	: (
Patriarchal The following questions: Write the scientific term of the following statements: The amount of matter in an object. The building unit of the nervous system. Location at which bones meet each other. The speed automatic response of the body to externative what is the importance of the following:	: (



	2. The bone that con	nects the hos from	i ironi is	
	a. femur.	b. skull.	c. sternum.	d. humerus.
	3. The mass of half lit	er of distilled wate	r equals	© (I
	a. 100 gm.	b. 150 gm.	c. 500 gm.	d. 1000 gm.
	4. A substance which	is a good conduct	or of heat	
	a. wool.	b. plastic.	c. iron.	d. wood.
B]	Underline the unsuit	able word in the	following and me	ention the reason :
	1. Shoulder joint - thig	jh joint - wrist joint	- elbow joint.	
	·····			
	2. Two cerebral hemis	spheres - spinal co	ord - medulla oblor	ngata - cerebellum.
	: 			::= ::::::::::::::::::::::::::::::::::
	Complete the follow		5 sa 20	
	1. The scale of the me	- 1 1704		
8	2 pairs of ne		e brain, while	······ pairs of nerves
	arise from the spina			
	3. The weight of an ob			12
	4. The fastest metal in	conducting neat	IS	55
Bj	Give reasons for the		-	
	Carbon dioxide gas	TOTAL TOTAL CONTRACTOR OF A STATE OF THE STA	oward displaceme	nt of air and isn't
	collected by displa	cement of water.		

	2. Mercury is used in	making thermome	eters.	₩
	2. Mercury is used in	making thermome	eters.	
-	Correct the underline	ed words in the fo	ollowing stateme	
-		ed words in the fo	ollowing stateme	
-	Correct the underline	ed words in the fo	ollowing stateme	
	Correct the underline 1. Hydrogen peroxide 2. The occurrence of the second contents of th	ed words in the fo	ollowing stateme	oxygen in the lab. () h <u>nitrogen</u> gas to
	Correct the underline 1. Hydrogen peroxide 2. The occurrence of the release.	ed words in the fo	ollowing stateme	oxygen in the lab. () h <u>nitrogen</u> gas to ()
	Correct the underline 1. Hydrogen peroxide 2. The occurrence of the second contents of th	ed words in the fo	ollowing stateme	oxygen in the lab. () In <u>nitrogen</u> gas to () Defore usage.
	Correct the underline 1. Hydrogen peroxide 2. The occurrence of the release. 3. Vinegar is used in seconds.	ed words in the formed in the formed in the fermentation protection is sterilizing the medical intervals.	ollowing stateme	oxygen in the lab. () In <u>nitrogen</u> gas to () Defore usage. ()
	Correct the underline 1. Hydrogen peroxide 2. The occurrence of the release.	ed words in the formed in the formed in the fermentation protection is sterilizing the medical intervals.	ollowing stateme	oxygen in the lab. () In <u>nitrogen</u> gas to () Defore usage. ()





1. Its mass on the Earth.	
2. Its weight on the moon.	
3. Its mass on the moon.	

Cairo Governorate	Nozha Language Schools
er the following questions :	
er the following questions : Put (√) or (x) in front of the fol	llowing:
Put (\checkmark) or ($oldsymbol{x}$) in front of the fol	
Put (√) or (≭) in front of the fol 1. The liquids expand by heating	and contract by cooling.
Put (√) or (≭) in front of the fol 1. The liquids expand by heating	
Put (√) or (x) in front of the fol 1. The liquids expand by heating 2. Hydrogen peroxide dissociates gas and oxygen gas.	and contract by cooling. in the presence of a catalyst into nitrog
Put (√) or (x) in front of the fol 1. The liquids expand by heating 2. Hydrogen peroxide dissociates gas and oxygen gas.	and contract by cooling. in the presence of a catalyst into nitrogramses, its gravitational force decreases.
Put (√) or (x) in front of the fold. 1. The liquids expand by heating. 2. Hydrogen peroxide dissociates gas and oxygen gas. 3. As the mass of the planet incress.	and contract by cooling. in the presence of a catalyst into nitrogramses, its gravitational force decreases. of the air volume.
 Put (√) or (x) in front of the fold 1. The liquids expand by heating 2. Hydrogen peroxide dissociates gas and oxygen gas. 3. As the mass of the planet incress. 4. Nitrogen gas represents 0.03 % 	and contract by cooling. in the presence of a catalyst into nitrograses, its gravitational force decreases. of the air volume. an aluminium.
 Put (√) or (x) in front of the fold 1. The liquids expand by heating 2. Hydrogen peroxide dissociates gas and oxygen gas. 3. As the mass of the planet incress. 4. Nitrogen gas represents 0.03 % 5. Copper conducts heat faster the 	and contract by cooling. in the presence of a catalyst into nitrograses, its gravitational force decreases. of the air volume. an aluminium.
 Put (√) or (x) in front of the fold The liquids expand by heating Hydrogen peroxide dissociates gas and oxygen gas. As the mass of the planet incress. Nitrogen gas represents 0.03 % Copper conducts heat faster the The Earth is surrounded by a new conducted of the conduct	and contract by cooling. In the presence of a catalyst into nitrograsses, its gravitational force decreases. In the air volume. In aluminium. In an aluminium. In an inixture of gases.
 Put (√) or (x) in front of the fold 1. The liquids expand by heating 2. Hydrogen peroxide dissociates gas and oxygen gas. 3. As the mass of the planet incress. 4. Nitrogen gas represents 0.03 % 5. Copper conducts heat faster the 6. The Earth is surrounded by a number of the conducts of	and contract by cooling. in the presence of a catalyst into nitrograsses, its gravitational force decreases. of the air volume. an aluminium. nixture of gases.
 Put (√) or (x) in front of the fol 1. The liquids expand by heating 2. Hydrogen peroxide dissociates gas and oxygen gas. 3. As the mass of the planet incre 4. Nitrogen gas represents 0.03 % 5. Copper conducts heat faster th 6. The Earth is surrounded by a n Give reasons for : 1. There is a constriction in the m 	and contract by cooling. In the presence of a catalyst into nitrograses, its gravitational force decreases. In the air volume. In aluminium. Inixture of gases. Indical thermometer.
 Put (√) or (x) in front of the fold 1. The liquids expand by heating 2. Hydrogen peroxide dissociates gas and oxygen gas. 3. As the mass of the planet incress. 4. Nitrogen gas represents 0.03 % 5. Copper conducts heat faster the 6. The Earth is surrounded by a number of the conducts of	and contract by cooling. In the presence of a catalyst into nitrograses, its gravitational force decreases. In of the air volume. In aluminium. Inixture of gases. Indical thermometer.

colgradia.

2. Write the labels :	
(b)	
©	
•	5) (9)
A] Match from column (B)	what is suitable from column (A):
(A)	(B)
1. Spring scale	a. used to measure the mass.
2. Clinical thermometer	b. used in making heavy blankets and woolen clo
3. Conductors	c. used to measure the body temperature.
4. One-arm scale	d. used to measure the weight.
5. Insulators	e. used to make cooking pots and kettles.
heat and light. 3. Cerebrum lies at the balance of the bod	nion between oxygen gas and an element produ ((
of water.	(
C] If the object's mass = 30	0 kg. on the Earth's surface. Calculate :
1. Its weight on the Earth	30
2. Its weight on the moon	. *2
Z. Its Weight on the moon	······································
2. its weight on the moon	
Complete the following	statements :





. 2	 The heat transfers from the modern transfers. 	ne object of tem	perature to	the object of
,	3is the force by w	hich a body is attracted	to the Earth	I 4
	4. The axial skeleton consis	77		
	5. Legumes such as clover formation of proteins.	Wellin How I (II)	TOTAL 02 - 05000 15-0900 - 011	731 E-
[B]	Look at the opposite figur	e, and then answer :		
PWC III	1. This figure represents	thermo	meter.	er e
	2. Label the figure :			The state of the s
	①	***************************************		*
	②		28	(2)
	③			3
1. [A] \	Write the scientific term :		73.57.	
1	. The degree of hotness or	coldness of a body.		()
2	2. The product from the com	bination of magnesium	with oxygen	. ()
3	 It consists of a gray matter by a white matter. 	er in the form of letter "H"	' surrounded	(
2	A gas that prepared by acceptance.	lding dilute hydrochloric	acid to	()
5	i. The measuring unit of ma	ss which almost equals	to a mass	±81
	of one liter of distilled wat	er.	-	()
[B]	Choose the correct answer	er:	2 2	A2 *** - D4C
	lare the joints tha	at allow the movement in	one direction	on
	a. Freely movable joints	b. Immovable joints	c. Slightly r	novable joints
	2. Oxygen gas ·····	27	86	H 12
	a. doesn't burn and does	n't help in burning.		*
	b. burns and helps in burn	ning.	18	28
	c. doesn't burn but helps i	n burning.		
3	3. The mass of a desk depe	nds on the		Sec.
	a. weight.	b. amount of matter.		
	c. distance from the plane	t center.		
\sim	<u>6</u> 1			

(102)



4. Annied can sternize th	e thermometer by usin	g
a. water.	b. benzene.	c. ethyl alcohol.
5. The main source of ox	ygen in air is	process.
 a. photosynthesis 	b. respiration	c. oxidation
[C] What happens when	?	
1. Carbon dioxide passes	s through limewater.	5 3833 F
2. A medical thermometer	r is put in boiled water.	
Cairo Governora	te Nasr Off	icial Language School
		1975 - ENAMES OF STREET
swer the following question		5920
[A] Write the scientific term		at a
 A gas mixed with oxyg 	en to be used in weldir	ng metals. (
The degree of hotness	or coldness of a body.	(
A layer in the atmospheradiations coming from		arth from harmful (
4. A gas that raises the E	arth temperature when	its percentage
increases.		(
5. Automatic response of	the body to different st	timuli. (
6. The system that consis	sts of cranial nerves an	d spinal nerves. (
7. A rapid union of oxyge	n with an element prod	ucing heat
and light.		(
8. The basic structure uni	it of the nervous syster	n. (
[B] Compare between :	\$67 	
Points of comparison	Cranial nerves	Spinal nerves
Definition :	***************************************	
Number :		

E COLUMN TO THE PARTY OF THE PA

هذا العمل حصرى على موقع ذاكرولى التعليمى ولا يسمح بنشره في أي مواقع أخرى لمزيد من أعمالنا تفضل بزيارة موقعنا على الانترنت https://www.zakrooly.com

مرقع ذاكريلي التعليمي

الصف السادس الابتدائي



2 . [A	Complete the following	statements :		(#)				
	Magnesium reacts with and a black powder of		e forming a white	powder of	**********	ėš.		
	2. The graduation of the c	linical thermon	eter is between	and	1,			
	3. The measuring unit of weight is, while the measuring unit of mass							
10.50	is	:H			k-1	85		
_ [E	3] Write the function of :				Đ)			
	Spring scale.							
3 . [A	Ŋ Put (✔) in front of the r	ight statemen	ts and (🗴) in fro	ont of wrong	one :			
10	1. All materials are good	conductors of h	eat.	2	. ()		
	2. The Earth gravitational and the center of the plant		Control of the Contro	e between a	n objec	t)		
	3. Mass differs according	to the planet w	here the object o	exists.	()		
	4. The white matter of the	spinal cord ha	s the shape of le	etter "H".	()		
	5. The cerebellum contain	ns centers of th	inking and mem	ory.)		
	6. The Celsius thermome temperature.	ter is used in m	neasuring the hu	man body		·)		
[E	B] Give reasons for :		1					
	1. There is a constriction	in the medical	thermometer.	* 1	······································			
	2. Clear limewater become	es turbid wher	carbon dioxide	passes into i	t. 	••••		
	3. Damage of the medulla	a oblongata ca	uses death.					
4. [4	A] Choose the correct ans	wer :						
	 Among the freely move 	able joints are	joints.					
	a. knee	b. thigh	c. elbow	d. skull				
(104	9			18				



2	. All the following are except	nom the constituen		E4 2001 A
	a. joints.	b. backbone.	c. spinal cord.	d. ribcage.
3	. Photosynthesis prod			(30)
	a. nitrogen.	b. oxygen.	c. carbon dioxi	de. d. ozone.
4	. Humerus bone is or	ne of the bones of	***********	20 E
	a. lower limbs.	b. upper limbs.	c. backbone.	d. axial skeleton.
5	. Your weight on the r	moon surface is 50	Newton, so your	weight on the Earth
	surface is	Newton.		
	a. 300	b. 500	c. 10	d. 100
3] V	Vhat will happen wh	en :	\$5	14. R.
Т	he overuse of soft dri	nks.	60	s "e
1	orrect the underline . Water is a regular e . Human ribcage con Cairo Governo	expanding material. Apposed of 31 pairs	of ribs. Saint Mary's S	. (
1	. <u>Water</u> is a regular e	expanding material. Inposed of 31 pairs Tate		. (
ver	. Water is a regular e	expanding material. Inposed of 31 pairs Trate ions:		. (
ver	. Water is a regular end. Human ribcage con Cairo Governo the following questi	expanding material. Inposed of 31 pairs Tate ions:	Saint Mary's S	chool
ver	. Water is a regular end. Human ribcage con Cairo Governo the following questions the correct are	expanding material. Inposed of 31 pairs Tate ions:	Saint Mary's S	chool
ver	. Water is a regular each of the following question hoose the correct and the gravitations.	expanding material. Inposed of 31 pairs Itate Itational force by which b. Mass	Saint Mary's Sich a body is attra	chool acted to the Earth.
ver	. Water is a regular each the following question the correct and the gravita. Weight	expanding material. Inposed of 31 pairs Itate Itational force by which b. Mass	Saint Mary's Sich a body is attra	chool acted to the Earth. d. Density
ver] Cl 1.	. Water is a regular each control of the following question the following question is the gravita. Weight cooking utensils are	expanding material. Inposed of 31 pairs Inswer: Itational force by which has be provided with hand be plastic.	Saint Mary's Society attraction of the soften of the contraction of th	chool acted to the Earth. d. Density d. aluminium.
ver] Cl	. Water is a regular each control of the following question the following question is the gravita. Weight a. Weight cooking utensils are a. copper.	expanding material. Inposed of 31 pairs Inswer: Itational force by which has be provided with hand be plastic.	Saint Mary's Society attraction of the soften of the contraction of th	chool acted to the Earth. d. Density d. aluminium.
wer 12 13 14 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	. Water is a regular each the following question the following question is the gravitica. Weight a. Weight a. Cooking utensils are a. copper.	ions: tational force by which has plastic. medical thermometric.	Saint Mary's Soint Mary's Soint Mary's Soint a body is attract to a body is attract.	chool acted to the Earth. d. Density d. aluminium. parts.
2 (A) (C) (A) (A) (A) (A) (A) (A) (A) (A) (A) (A	. Water is a regular each the following question the following question is the gravity a. Weight a. Weight a. Cooking utensils are a. copper. Every degree in the a. 3	ions: tational force by which has plastic. medical thermometric.	Saint Mary's Soint Mary's Soint Mary's Soint a body is attract to a body is attract.	chool acted to the Earth. d. Density d. aluminium. parts.

موقع والكوراني التطايعي

هذا العمل حصري على موقع ذاكرولي التعليمي ولا يسمح بنشره في أي مواقع أخرى

لمزيد من أعمالنا تفضل بزيارة موقعنا على الانترنت https://www.zakrooky.com



5. A gas which turn	s limewater into tu	rbid is gas.	ice :
a. oxygen	b. nitrogen	c. carbon dioxide	d. ozone
6. The axon is cover	ered with a fatty su	bstance called	
a. gray matter.	b. synapse.	c. myelin sheath.	d. dendrite
3] Classify each of t	he following joins	s according to their typ	es:
1. Skull joints.			### #
Knee joint.		24	2
2 \A/right in int	••••••••••••••		
3. Wrist joint.		***************************************	
CI Montion one impe	rtanca of :		- X
C] Mention one impo	ntance of .	27 21	¥8 ±6%
Cerebellum.			
2. Celsius thermor	neter		.16
2. 06/3/03 (10/11/01		***************************************	
3. Yeast.	29	.5	80 W W

1 man 2		the following statemen ninking and memory.	ts :
2. A gas is called a		Additional to the second to th	. Commonweal
THE SECOND SECTION AND SECTION ASSESSMENT OF THE SECOND SECTION ASSESSMENT OF THE SECOND SECO		en with lighted magnesiu	66 O.W.
Personal Control of the Control of Control o		edical thermometer.	(
5. The measuring u	anne ann neathailte an maiste an maiste an 1946.		(
6. Materials that do	946-12-1-12-12-12-12-12-12-12-12-12-12-12-1	through.	·
B] What happens wh	nen ?	h O	#4 205
OT. 5%53		to over calcium carbona	ite. '
	au	a to over calcium carbone	
2. Absence of a co	onstriction above t	he mercury bulb of the me	edical
***************************************		***************************************	
2 Debeldere ble	antition of anti-		••••••••••••••••••••••••••••••••••••••
3. Drinking big qua	artuues or son ann	nə.	
3)			
フ			慧



3. [A] Complete the following statements :			10					
1. The scale of medical thermometer starts from 35°C to								
2. The objects seem weightless in the space due to the absence	of							
3. The dendrites are connected to neighbouring neurons composit	3. The dendrites are connected to neighbouring neurons composing the							
4. Oxygen combines with acetylene gas to produce	Et.							
[B] Correct the underlined words in the following statements :	7	12	S 31					
1. Water is composed of oxygen and nitrogen.	()					
2. The normal temperature of the healthy person is 35°C.	()					
3. The effect of weight is always directed towards the surface of the Earth.	(·)					
4. The automatic response of the body to the external stimuli	N 200							
is known as the voluntary response.	(····)					
4. [A] Put (✓) or (×) in front of the following :								
Backbone consists of 31 pairs of ribs.		()					
2. Dendrites are branches extend from the neuron's cell body.		ì)					
3. Gasoline is the material that is used in making cigarettes.		ì	ì					
4. Oxygen cylinders are used during diving and climbing mount	ains.	ì	'n					
5. The different metals transfer heat at the same rate.		ì	ŝ					
[B] Give reasons for :	155	50.00	51					
The mass of a body on the Earth's surface equals the body on the Earth's surface equals the mass of a body on the Earth's surface equals the body on the Earth's surface equals the body on the Earth's surface equals the body of the Earth's surface equals the body of	of							
the same body on the moon's surface.								
Although oxygen is consumed during respiration, its percentage stable in the atmosphere.	age rem							
[C] If an object's mass = 12 kg. on the Earth, calculate :								
Its weight on the moon.								

***************************************		(10)	7)					





Giza Governorate

Child Home Language School

Answer	the	following	questions	:
--------	-----	-----------	-----------	---

Answer the following questions :	W/
1. Complete the following statements :	30 35
1. Mass is measured by, while weight is measured by	energia (il
2. The clinical thermometer is scaled from to to	
3. Exhaled air contains gas which turbid	₩ =
4. The nervous system is composed of and and	ř s
5. The catalyst remains without change in its and and	
6. The nitrogen gas molecule consists of atoms.	
7. The number of cranial nerves is ·············	6 (52)
2. [A] Give reasons for :	14.
1. The force of the moon's gravity is less than that of the Earth's	s gravity.

2. Leaving spaces between the railway bars.	

3. Percentage of oxygen gas remains constant in air.	
Yeast is added to dough during making bread.	a !
5. We must avoid using tranquilizers and stimulants.	1

6. Nitrogen gas is called "azote" which means lifeless.	

[B] Write one function of:

1. Dendrites of the nerve cell.



3. Ribcage. 4. Oxy-acetylene flame. 5. Medulla oblongata. 6. Heat insulators. 7. 1. The distance between the body and the center of the Earth increases. 2. There is no constriction above mercury bulb in clinical thermometer. 3. Dilute hydrochloric acid is dropped over calcium carbonate. 4. Nodular bacteria are removed from plants roots. 5. An iron nail wetted by water is exposed for many days to humid air. 6. Hydrogen peroxide is dropped over manganese dioxide. [B] Label the following figure: ① ② ③ ④ ⑤ ⑤ ⑥	72	2. Skull.	E
5. Medulla oblongata. 6. Heat insulators. 7. I. The distance between the body and the center of the Earth increases. 7. I. There is no constriction above mercury bulb in clinical thermometer. 7. I. There is no constriction above mercury bulb in clinical thermometer. 7. I. There is no constriction above mercury bulb in clinical thermometer. 8. Dilute hydrochloric acid is dropped over calcium carbonate. 9. An iron nail wetted by water is exposed for many days to humid air. 9. Hydrogen peroxide is dropped over manganese dioxide. 9. Ell Label the following figure: 9. One of the Earth increases.		3. Ribcage.	
6. Heat insulators. 7. [A] What happens if ? 1. The distance between the body and the center of the Earth increases. 2. There is no constriction above mercury bulb in clinical thermometer. 3. Dilute hydrochloric acid is dropped over calcium carbonate. 4. Nodular bacteria are removed from plants roots. 5. An iron nail wetted by water is exposed for many days to humid air. 6. Hydrogen peroxide is dropped over manganese dioxide. 7. [B] Label the following figure: 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9	,	4. Oxy-acetylene flame.	
[A] What happens if? 1. The distance between the body and the center of the Earth increases. 2. There is no constriction above mercury bulb in clinical thermometer. 3. Dilute hydrochloric acid is dropped over calcium carbonate. 4. Nodular bacteria are removed from plants roots. 5. An iron nail wetted by water is exposed for many days to humid air. 6. Hydrogen peroxide is dropped over manganese dioxide. [B] Label the following figure: 1		5. Medulia oblongata.	
1. The distance between the body and the center of the Earth increases. 2. There is no constriction above mercury bulb in clinical thermometer. 3. Dilute hydrochloric acid is dropped over calcium carbonate. 4. Nodular bacteria are removed from plants roots. 5. An iron nail wetted by water is exposed for many days to humid air. 6. Hydrogen peroxide is dropped over manganese dioxide. (B) Label the following figure: (C) (3) (4) (5)		6. Heat insulators.	
3. Dilute hydrochloric acid is dropped over calcium carbonate. 4. Nodular bacteria are removed from plants roots. 5. An iron nail wetted by water is exposed for many days to humid air. 6. Hydrogen peroxide is dropped over manganese dioxide. (B) Label the following figure: (1) (2) (3) (4) (5)]. [A	### 10 10 10 10 10 10 10 10 10 10 10 10 10	d the center of the Earth increases.
4. Nodular bacteria are removed from plants roots. 5. An iron nail wetted by water is exposed for many days to humid air. 6. Hydrogen peroxide is dropped over manganese dioxide. [B] Label the following figure: 1	8	2. There is no constriction above merc	cury bulb in clinical thermometer.
6. Hydrogen peroxide is dropped over manganese dioxide. [B] Label the following figure: 1 2 3 4 5 6		***************************************	
① ② ③ ⑤ ⑤			
(4) (5)	[E	B] Label the following figure :	The second second
6			
(100)			6





. [A] Write the scientific term :	- 19	
1. The amount of matter in an object.		(
2. Group of joints that allow movement in one direct	ion.	(
3. The fast reaction of an element with oxygen which	h generate	heat.
	26	(
An organ responsible for reflex action.		(
A liquid used to sterilize thermometer.	9	(
[B] If the mass of a body on the Earth is 18 kg. Calc	ulate :	
1. Its mass on the moon.		9
2. Its weight on the Earth.	40 	
3. Its weight on the moon.		74
[C] What is meant by ?		
1. Oxidation.		
2. Reflex action.	E 50	
3. The atmosphere.		***************************************
Giza Governorate Al-Agoza Educ	ational Dire	ctorate
swer the following questions :		
[A] Write the scientific term for each of the following	2	\$2. In
	lex action.	(···················)
 A part of the nervous system is responsible for ref 		10 11
 A part of the nervous system is responsible for ref The amount of matter that the body contains. 	¥ =	()
	g * =	(·······)
The amount of matter that the body contains.	\$	()
The amount of matter that the body contains.The substances that allow heat to pass through.		() ()

indgjang) in

. [A] Complete the follow	ing statements :	300	75
 The human skeleta 	system consists of	and	
Oxygen is consume	ed inand		
3. The mass is measurin unit.	ıred in unit ,	but the weight is	s measured
4. The number of spir nerves is	al nerves in human	isand tl	he number of crania
[B] What happens when	1 1		20 20 gr
An iron nail moistene several days.	ed with water is expo	sed to a humid a	atmosphere for

[A] Choose the correct	answer:	* 3	19
1. We use to	make the electric in	on handle.	755
a. iron	b. copper	c. plastic	d. aluminium
The carbon dioxide	is used in the indus	try of	to 8. ³⁵¹
a. steel.	b. gun powder.	c. fertilizers.	d. soft drinks.
3. If the weight of a bo	ody is 20 Newton its	mass equals	
a. 2 kg.	b. 20 kg.	c. 200 kg.	d. 2000 kg.
4. All the following are except	from the componer	nts of central ner	vous system
a. spinal nerve.	b. two cerebral	hemispheres.	
c. spinal cord.	d. medulla oblo	ngata:	# 15 miles
[B] Correct the underlin	ed words :)(7, 2
1. Nitrogen doesn't b	ourn , but it helps in t	ourning.	(
2. The part which is r	esponsible for keepi	ng human body l	balance is
spinal cord.			(
. [A] Give reasons for each	ch of the following	- 14	
1. There is a constrict	াক ।		**

2. The ribcage surrou	unds both the heart a	and the lungs.	

			(111)





[B] Look at the opposite figure, then answer:
1. Label the figure :
2. Carbon dioxide is collected by upward
displacement of air. Why?
······································
Giza Governorate Dar El-Hanan Language School
swer the following questions :
[A] Complete the following statements :
1. The main idea of making thermometers is the changing the of
a liquid by changing the
2. The percentage of carbon dioxide gas in the atmospheric air is and
has the symbol of
[B] What's the importance of ?
1. Spring scale.
O Olavii
2. Skull.
[A] Write the scientific term of each of the following :
 The measuring unit of mass which is equal to the mass of one liter of
distilled water at normal temperature. (
The liquid that is used in making the medical and the Celsius thermometers.
3. A gas that its molecule is composed of three oxygen atoms. (
4. The building unit of the nervous system. ((
[B] Problem :
An object's mass = 30 kg. on the Earth's surface, calculate its weight on the Earth's surface.

(112)



 Oxygen gas is prepared from hydrogen j 	peroxide d	issociates in	the .	
presence of carbon dioxide gas.		54 58	55	(
•••••••••••••••••••••••••••••••••••••••		.,	• • • • • • • • • • • • • • • • • • • •	*
Oxygen combines with a lighted magnes	sium ribbo	n forming a v	white	9 19
substance.				S =
3. The axon of the nerve cell is surrounded	by a gela	tinous layer		(
4. The bones of the lower limbs consist of h	numerus b	one, forearm	n bones	s an
hand bones .		at an a	= 250X	(
[B] Give reasons for the following :			······································	
The handles of cooking utensils are ma Clear limewater gets turbid if carbon did	oxide gas į	passes throu		
Clear limewater gets turbid if carbon did [A] Classify each of the following joints acc	oxide gas į	passes throu		
2. Clear limewater gets turbid if carbon did	oxide gas į	passes throu		
Clear limewater gets turbid if carbon did [A] Classify each of the following joints acc	oxide gas į	passes throu		
Clear limewater gets turbid if carbon did [A] Classify each of the following joints acc Skull joints.	oxide gas į	passes throu		
2. Clear limewater gets turbid if carbon did [A] Classify each of the following joints acc 1. Skull joints. 2. Knee joint.	oxide gas į	passes throu		
2. Clear limewater gets turbid if carbon did [A] Classify each of the following joints acc 1. Skull joints. 2. Knee joint.	ording to	passes throu		
2. Clear limewater gets turbid if carbon did [A] Classify each of the following joints acc 1. Skull joints. 2. Knee joint. 3. Shoulder joint. [B] Look at the following figure, then answer	ording to	passes throu		
2. Clear limewater gets turbid if carbon did [A] Classify each of the following joints acc 1. Skull joints. 2. Knee joint. 3. Shoulder joint. [B] Look at the following figure, then answer 1. Liquid ①: 2. Substance ②:	ording to	passes throu		
2. Clear limewater gets turbid if carbon did [A] Classify each of the following joints acc 1. Skull joints. 2. Knee joint. 3. Shoulder joint. [B] Look at the following figure, then answe 1. Liquid ①: 2. Substance ②: 3. Carbon dioxide is collected by upward	ording to	their types		
2. Clear limewater gets turbid if carbon did [A] Classify each of the following joints acc 1. Skull joints. 2. Knee joint. 3. Shoulder joint. [B] Look at the following figure, then answer 1. Liquid ①: 2. Substance ②:	ording to	their types		Car



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Giza Governorate

Future Generation Language School

ГАТ	Complete	the	following	sentences
	Combiere	uie	tonowing	sentences

- 1. The controls the reflex action.
- 2. Carbon dioxide gas is turned into liquid by and and
- 3. From slightly movable joints
- 4. The dendrites are connected to neighbouring neurons composing the
- 5. Oxygen gas is produced through process and consumed in process.
- 6. An object's weight is affected by the distance being away from the of the planet.

[B] Give reasons for :

- Carbon dioxide is collected by upward displacement of air.
- Damage of medulla oblongata causes death.

2. [A] Choose the correct answer:

- 1. Mercury remains in liquid state between°C.
 - a. (39: 357)
- b. (39: -357) c. (-39:357) d. (0:100)
- 2. Newton is almost equal to the weight of an object whose mass is grams.
 - a. 10

- b. 100
- c. 1000
- d. 0.1
- 3. The centers of thinking and memory lie in
 - a. medulla oblongata. b. spinal cord.
 - c. cerebellum.
- d. two cerebral hemispheres.
- 4. The best metal in conducting heat is
 - a. aluminium.
- b. copper.
- c. iron.
- d. mercury.



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الصف السادس الايتدائي

[B] If the object's weight on the Earth's surf	ace is 30 Newtor	n. Calcula	ate :	
1. Its mass on the Earth.				
2. Its weight on the moon.		(4		•••
				•••
• [A] Write the scientific term of the following	Table Tabl			92
1. A mixture of different gases that surround	ds the Earth.	(····	••••
2. It's the main control center in the human	body.	(
3. An indicator helps us to express the state	e of the body from	Î	10 50	
the point of hotness and coldness.	20	(000
4. A gas molecule consists of three oxygen	atoms.	(
[B] What happens if ?				- 2
1. An iron nail wetted by water is exposed se	veral days to humi	d air.	::-:::::::::::::::::::::::::::::::::::	,
2. Touching a very hot surface.	3 %			
■ [A] Put (✓) or (≭) and correct the wrong on	e:			9
1. The number of cranial nerves in man is 3	1 pairs.		. (
***************************************	**************************************		***	
2. The main idea to make a thermometer is	s changing mass o	of the mer	cury	
according to the change in the temperate	ure.	1 ''	(
[B] Mention one importance for :		######################################		
1. Spring scale.	e) AZ	A D STATE OF THE S		
***************************************		A CONTROL MANAGEMENT		
2. Cerebellum.		0		



(115)



E 3

[C] Look at the figure	then answer the questions :
------------------------	-----------------------------

1	Lahel	the	figure	٠
	Luboi		ngaro	

1	
_	

-	21
2)	 ***************************************
3.5	

•							
What's	the	impor	tance	of nu	mber	2:	?

Ĭ	<u>{</u>		3	
		1	000	.1
(2			##\$0.55M	57625772

11 Alexandria Governorate

South Alex. Educational Zone

Answer the following questions :

1. [A] Complete the following statements:

- 1. Mass is measured by, where weight is measured by
- 2. The axial skeleton in the man consists of , and and
- 3. The heat is a form of the forms of
- 4. The oxygen gas of the atmosphere is consumed during and and

[B] Compare between:

Points of comparison	Celsius thermometer	Medical thermometer
1. Usage :		
2. Range of scale :		

2. [A] Write the scientific term :

- 3. The gas that turns limewater into turbid.
- 4. The flame which is used in cutting and welding metals. (......)

calques si

(B) Look at the opposite riguing (a)						
		(2)				
J. [A] Choose the correct ansv	ver:	21 Ng				
 The gray matter in the s 	spinal cord , its shape	like ····· letter.				
a. A	b. H	c. F				
2. Nitrogen molecule cons	ists of nitrog	en atoms.				
a. four	b. three	c. two				
3. The ribcage in the man	consists of p	pairs of ribs.				
a. 11	b. 10	c. 12				
4. Backbone consists of ···	······ vertebrae.	19				
a. 32	b. 33	c. 23				
5. Which of the following is	5. Which of the following is from slightly movable joints?					
a. Femur.	b. Wrist.	c. Knee.				
6. A catalyst used in prepa	6. A catalyst used in preparation of oxygen gas in laboratory is					
a. sodium carbonate.	b. copper oxide.	c. manganese dioxide.				
[B] If an object's mass = 30 l	kg. on the Earth. Ca	lculate :				
1. Its mass on the moon.		N 80 90				
2. Its weight on the Earth.		**************************************				

4. [A] Join from column (A), what is suitable from column (B):

(A)	(B)
1. Alcohol	a. protects the Earth from harmful radiations.
Cranial nerves	b. is a liquid used in sterilizing of thermometers
Plastic	c. are 12 pairs of nerves.
4. Ozone	d. are 31 pairs of nerves.
	e. is a bad conductor of heat.

l. 2.

3.

6



[B] Give reason	ns for :			KEN
1. The yeas	t is added to dough o	on making bread	1.	id Fo
2. The heart	t and lungs are surro	unded by ribcag	je.	
[C] Cross out t	he odd word :			* 9
1. Humerus	bone – Shaft bones -	Forearm bone	s – Hand bones	. (
2. Two lowe	r limbs – Skull – Bac	kbone – Ribcag	e.	(······)
12 Alexandr	ia Governorate	El-Gomm	ok Educational	Zone
Answer the follow	ing questions :		# 12 U	:5: 9: 5
1. [A] Complete th	ne following statem	ents :		=======================================
There is a contract to the second	as is prepared by deas as a catalyst.	composing	······ in the pres	ence of
2. The	is the site of two b	ones meeting.		ee'e
3. Liquids ····	by heating an	d by co	oling.	
4. The meas weight is	surement unit of mass	s is, w	hile measureme	ent unit of
[B] Give reaso	n for each of the fol	lowing :	11 " 12 34	# = = = = = = = = = = = = = = = = = = =
	is used in thermomet	2.	EJ	

2. The dam	age of the medulla o	blongata cause	s death.	**************************************
3000000000	***************************************			
2. [A] Choose the	correct answer :			
1. The	controls the refle	x actions.		a U
a. spinal	cord b. ce	erebellum	c. cerebrum	n
2. Newton is	s equal to the weight	of body, its mas	ss is	
a. 10 gm.	b. 1	00 gm.	c. 1000 gm	



The state of the s	nected by displacing	2.7 W - 20 A4
a. air downward.	b. air upward.	c. water downward.
4. The knee and elbow	5)	
a. immovable.	b. slightly movable.	c. free movable.
[B] What is the important	e of each of the following	ng ?
1. A constriction in the	medical thermometer.	
Cartilages.		18 59 1
······································		
[A] Write the scientific ter	m:	
The control of the co	erature reaches to 3500° C	c. <i>(</i>
2. The fastest metal in o		(
		= %
3. A bony case that cont	ains brain inside.	
[B] Problem :		
If an object's mass on t	the Earth = 30 kg. Calcula	ite:
1. Its mass on the moo	n.	[] ×
Its weight on the Ear	th.	
• T		
Its weight on the mo	on.	
[A] Correct the underline	words :	50.38
NA (78)	to sterilize the medical th	ermometer. (
2. The cerebrum is res	ponsible for the body's ba	lance. (
[B] Compare between the	SERVICE CONTRACTOR CONTRACTOR SERVICE	
Points of comparison		Carbon dioxide gas
	Oxygen gas	
1. Reaction with		
magnesium :	and a minimum resistance and specific specific a specific and the specific	ASSESSMENT OF THE PROPERTY OF
2. Dissolving		***************************************

indigue 5 9

13 Alexandria Governorate

East Alex. Educational Zone

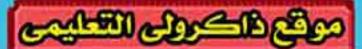
10		Last Alex. Ladeational Zon	
Answ	er the following questions :	ES	
	Complete the following statements :		iti
	Materials are classified according to call and	onducting heat into	conductors
lai	2. The measuring unit of weight ismass is	, while the measuring ur	nit of
	The scale of medical thermometer state at °C.	arts from°C and er	nds
	4. The central nerves system is compos	ed of and	
[B]	Give reasons for each of the followin	g:	10 N
250 AT	Carbon dioxide gas is used in extingu	THE CO. 1985	
	2. Ozone gas is very important in nature	3.	
2 [A7] Write the scientific term for each of t	ha fallowing :	
	The amount of matter in an object.	in the second se)
	2. A bony box that contains cavities for)
	3. A gas that is the most important part	[177] S.)
	4. A flame is used in cutting and welding)
[B]] Mention one function for each of the	ANY AVERTAGE AT AT	
[0]	Celsius thermometer.	Tollowing .	
	2. The ribcage.		•

3. [A]	Put (✓) or (✗) in front of each of the	following:	* 0 / X
25 SC	Cooking pots are made up of plastic.	2.7	. (·)
	2. Humerus bone and forearm bones ar		r limbs
	2. Hamoras bone and lorearm bones at	e nom the parts of the lowe	/ III IDS.
			L J
12.22	The cerebellum is responsible for ma movement.	iintaining the body balance o	guring ()
(120)			79



		The state of the s
 Ozone is composed of two oxy 	gen atoms.	(
2. Carbon dioxide gas is prepared	in laboratory from rea	action between dilute
hydrochloric acid and copper s	sulphate.	(
The liquid used in the medical t	thermometer is alcoho	<u>ol</u> . (
A] Choose the right answer from t	he following :	
1. The myelin sheath covers	*******	
a. the axon on the nerve cell.	b. cerebrum.	c. medulla oblongate
2. The weight of an object on the the moon's surface is	12	ewton, so its weight o
a. 1	b. 6	c. 10
The measuring device of the m	ass is	- Fig. 12
a. spring scale.	b. thermometer.	c. sensitive balance.
③		§ @
	. 1	
Kalyoubia Governorate	1 Memphis langua	
Kalyoubia Governorate wer the following questions:	1 Memphis langua	
Kalyoubia Governorate wer the following questions: Complete the following statements	Memphis langue	age school
Kalyoubia Governorate wer the following questions: Complete the following statement 1. The force by which the body is a	Memphis languents:	age school
Kalyoubia Governorate wer the following questions: Complete the following statement 1. The force by which the body is a 2. Handles of cooking pots are ma	Memphis languents:	age school
Kalyoubia Governorate wer the following questions: Complete the following statement 1. The force by which the body is a	Memphis languents:	age school
Kalyoubia Governorate wer the following questions: Complete the following statement The force by which the body is a Handles of cooking pots are man The number of spinal nerves is is	Memphis langue Ints: attracted to the Earth is de of	age school
Kalyoubia Governorate Wer the following questions: Complete the following statement The force by which the body is a Handles of cooking pots are man The number of spinal nerves is is	Memphis langue Ints: attracted to the Earth is de of	age school
Kalyoubia Governorate wer the following questions: A Complete the following statement 1. The force by which the body is a 2. Handles of cooking pots are mad 3. The number of spinal nerves is is	Memphis langue Ints: attracted to the Earth is de of	age school
Kalyoubia Governorate wer the following questions: A] Complete the following statement 1. The force by which the body is a 2. Handles of cooking pots are mad 3. The number of spinal nerves is is	Memphis langue Ints: attracted to the Earth is de of	age school s called of cranial nerves





الصف السادس الابتدائي



[C] V	3.5		
1	. Newton.	ji.	
2	. Temperature.	Sâ	
[A] V	Vrite the scientific term of each of the following:	-	
1	. Materials that don't let heat to pass through.	(
2	2. Automatic response of the body to different stimuli.	(
3	3. The part of the brain that is responsible for regulating the heartbeats.	(
4	. A chemical substance that increases the speed of the rea	ction with	out
	changing in its quantity and structure.	(
	changing in its quantity and structure.		8.00
5	6. A device used to measure the temperature of liquids.	(•••••
[B] G		(
[B] G	6. A device used to measure the temperature of liquids. Sive reasons for :	(ses.	
[B] G	5. A device used to measure the temperature of liquids. Sive reasons for: 1. There is a constriction in the medical thermometer. 2. Clear limewater becomes turbid when carbon dioxide pas	ses.	
[B] G	i. A device used to measure the temperature of liquids. Sive reasons for: There is a constriction in the medical thermometer. Clear limewater becomes turbid when carbon dioxide pase. Put (√) or (≭) and correct the wrong one:	ses.	
[B] G	5. A device used to measure the temperature of liquids. Sive reasons for: 1. There is a constriction in the medical thermometer. 2. Clear limewater becomes turbid when carbon dioxide pas	ses.	(
[B] G 2 [A] P	i. A device used to measure the temperature of liquids. Sive reasons for: There is a constriction in the medical thermometer. Clear limewater becomes turbid when carbon dioxide pase. Put (√) or (≭) and correct the wrong one:	ses.	(
[B] G	A device used to measure the temperature of liquids. Bive reasons for: There is a constriction in the medical thermometer. Clear limewater becomes turbid when carbon dioxide pase. Put (✓) or (✗) and correct the wrong one: The mass of the body changes as its location changes.		((

(122)



6	5. Copper is a good conductor of heat.	()	
	6. Ozone gas is composed of four atoms	of oxygen.	()
[B]	Look at the opposite figure, then answ	er:	:X =
	 This apparatus represents the preparation of		Water
	downward displacement of water because it	Manganese dioxide	

[C]	If the mass of an object on the Earth is	equal to 60 kg., cal	culate :
	1. Its weight on the Earth's surface.		
	2. Its weight on the moon's surface.		
	3. Its mass on the moon's surface.	± = = = = = = = = = = = = = = = = = = =	
***		A 10	
[A]	What happens when ?		-ti 9•
	Over intaking of the stimulating substar	nce such as coffee.	
	2. Increasing the percentage of carbon die	oxide gas in the atmo	sphere.
[B]	Give one example of each of the follow	/ina :	EN E
1.77	1. An immovable joint.		
	2. Measuring device of small masses.		

(123)





Gharbia Governorate

East Tanta Educational Zone

Answer	the	follo	wing	ques	tions	:
--------	-----	-------	------	------	-------	---

Answer the following questions :	
1. [A] Complete the following statements :	E 20
	he weight of anybody
property to the track of the tr	anybody
Oxygen gas is prepared by the decomposition of as a catalyst.	····· in the presence of
4. The neuron consists of two main parts and	
[B] Give reasons for each of the following :	¥2
1. When you burn a ball of cleansing wire strongly, its ma	ass increases.
The withdrawal of the hand quickly when it suddenly to	uches a hot surface.
2. [A] Write the scientific term for each of the following :	©
The materials that let heat flow through.	(
A chemical substance that remains without any change structure during the chemical reaction.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3. The main control center in the human body.	(
4. The system that consists of 43 pairs of nerves.	(
[B] An object whose mass on the Earth equals 12 kg. Ca	lculate :
1. Its weight on the Earth.	
2. Its weight on the moon.	
E. Its weight on the moon.	



[A]	Correct the underli	ned words :	
83	1. The main idea to r	make a thermometer is	changing the mass
	of liquid according	to the temperature.	()
2	2. Ozone molecule o	consists of <u>four</u> atoms.	()
:	nan nasa Malinasa Manasa <u>a</u> dan Maka - an an	agnesium ribbon is inser deposits on the wall o	rted in a cylinder filled with oxygen f the cylinder.
4	4. Cerebellum conn	ects the brain with spin	al cord. ()
[B]	Look at the opposi	te figure, then answer	r:]_{@.
940 PM	This apparatus is preparation of		
= 2	2. Write down the lab	els on the figure :	
	- Liquid ① is		
33	- Substance ② is		(¹) +3
	- Gas ③ is	HAZARIA MARA DEGARE	2
	Name and the same and the same and		Harris III -
- 14761	Choose the correct		
		suring weight is	
	a. sensitive scale.	86	b. spring scale.
39	c. digital scale.		d. double pans scale.
2		conducting heat is	1 T 1 M A
15	a. aluminium.	b. iron.	c. copper. d. mercury.
3	3. The gas which tur	ns limewater turbid is	Ann Ann an W
	a. oxygen	b. nitrogen	c. carbon dioxide d. ozone
4	 The centers of thir 	nking and memory lie in) ····································
	 a. medulla oblonga 	ata.	b. spinal cord.
	c. cerebellum.		 d. two cerebral hemispheres.
[B] \	What would happe	n in the following cas	es:
	1. Drinking big quan	tities of soft drinks.	
			•••••••••••
	2. The cerebellum is	s shocked hardly.	
	2442.4422.2434.2534.334.334.33		
			(125)



Dakahlia Governorate

Science Inspectorate

Answer the following questions:

1. [A] Choose the co	orrect answer
----------------------	---------------

- 1. The device of measuring weight is
 - a. one-arm scale.

b. two-arms scale.

c. digital scale.

- d. spring scale.
- 2. Reflex action takes place through the
 - a. medulla oblongata.
- b. spinal cord. c. cerebellum.
- d. cerebrum.
- 3. Cooking utensils are provided with handles of
 - a. copper.
- b. wood.
- c. iron.
- d. aluminium.
- 4. Newton equals the weight of an object whose mass is kg.
 - a. 100

- b. 10
- d. 0.1
- 5. The centers of thinking and memory lie in
 - a. medulla oblongata.
- b. spinal cord.
- c. cerebrum.
- d. cerebellum.
- 6. The ribcage in the human body consists of of ribs.
 - a. 10 pairs
- b. 11 pairs
- c. 12 pairs
- d. 13 pairs

[B] Give reasons for :

- There are cartilages between the vertebrae of the backbone.
- Mercury is used in thermometers.
- 3. Oxygen gas is collected by downward displacement of water.

2. [A] Complete the following statements:

- has the symbol
- 2. The knee joint is considered from joints, while the wrist joint is considered fromioints.
- 3. The central nervous system consists of and and
- 4. Oxygen atom + oxygen atom =
- 5. conducts heat faster than aluminium.



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الصف السادس الايتدائي

Hydrogen peroxide is	dropped over manganese	dioxide.
[A] Put (✓) in front of the o	correct statement and (x) in front of false one :
1. The mass of the body	changes as its location cha	inges. (
2. The scale of medical th	nermometer starts from 35°	C to 42°C.
3. Cerebellum maintains t	the balance of the body du	ring movement. (
4. All materials are good of	conductors of heat.	
5. Magnesium combines	with oxygen gas forming a	black substance. (
	eter there is a constriction	3)
[B] Look at the following fig		
50% (60)	each label on the figure.	1 (-
- Substance (a):	to the company of the section and company of the company of the company of the company of	()- ®
~		
2. Mention two uses of th		7 7 r
3. The produced gas is n	not collected by	
downward displaceme	ent of water. Why?	
		(a)
[A] Write the scientific term	of each of the following	
E 1995	arth from harmful radiation.	
2. A bony box contains bra	in and cavities for eyes , ea	rs and nose.
	ervous system causes retard	
of memory and learning.		(
A gas that composes the	e protein substance that buil	ds up
our bodies.		(
The basic structure of the	he nervous system.	(
The liquid that is used in	n sterilizing the medical the	ermometer. (
[B] If the weight of a body of	on the moon 100 Newton.	Calculate :
1. Its weight on the Earth.		1 11
***************************************	·····	
O The second contraction and are		
Its mass on the moon.		

[C] Compare between :	·	
[C] Compare between : Point of comparison	Spinal nerves	Cranial nerves

constrooms



17 Ismailia Governorate

Science Inspectorate

Answer the following question:	s:
--------------------------------	----

1 141	Complete	tha	following	statement	
	Complete	riie	Tollowing	Statement	.3

- 1. The scale of Celsius thermometer starts from °C and ends at °C.
- The number of vertebrae of the backbone is ----- vertebrae, while the ribcage consists of ----- pairs of ribs.
- Mass is measured by using, while weight is measured by using

[B] Calculate:

If an object's mass = 30 kg. on the Earth :

- 1. Its mass on the moon.
- 2. Its weight on the Earth.

2. [A] Write the scientific term :

[B] Choose from column (B), what suits it in column (A) :

(A) (B) a. prevent the friction between vertebrae. 1. Joints is responsible for regulating the involuntary processes. 2. Neuron c. is the building unit of nervous system. 3. Cerebellum d. the location where bones meet in the body. 4. Cartilages e. is rapid combination between element and oxygen. 5. Medulla oblongata f. keeps the balance of human body during 6. Cerebrum movement. g. is responsible for regulating the voluntary movements.

1. ----- 3. ------

4. ------ 6. -----

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128

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المعاصب

موقع والكرواني التعليمي

الصف السادس الابتدائي

2			Detecta in the second	200	_
U. [A]	What	happens	when		7

 The distance between a person in a balloon and the center of the Earth increases.

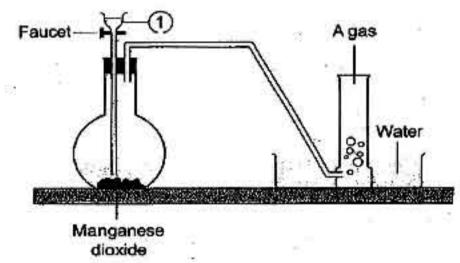
- 2. Sitting for long times in front of the computer.
- 3. You shake the medical thermometer before using it.
- 4. Knee joints become freely movable joints.

[B] Look at the opposite figure then answer the following questions :

Mention the name of the gas which is prepared.

......

- 2. This gas is collected by downword displacement of water. Why?
- 3. Substance no. ① is:



4. [A] Give reasons for :

- 1. Using oxy-acetylene flame in cutting and welding metals.
- The handles of cooking pots are made of plastic, while the cooking pots are made of aluminium.
- 3. The brain is located inside the skull.

[B] Correct the underlined words with right words :

- Nitrogen gas combines with elements forming oxides (oxidation).
- When the exhaled air passes through clear limewater, it forms calcium oxide.

- 6. The magnesium ribbon keeps burning and turns into <u>yellow</u> colour in cylinder which contains carbon dioxide gas. (

المحاصد علوم لغات (Notebook) / ۲ ب/ تيرم ۱ (م: ۱۷)







18 Port Said Governorate

Science Inspectorate

Answer the following questions	
--------------------------------	--

	Compl	ete	the	following	statements	
	Comp	ere	HIE	TOHOWING	Statements	

 The measurement unit of mass is 	····· , whereas the mea	asurement unit of
weight is	- X	an.

- 2. There is a constriction in the thermometer.
 - 3. The thermometer is used to measure the water temperature.
 - 4. Oxygen gas is prepared in laboratory from in presence of

2. [A] Choose the correct answer :

- When a glowing magnesium ribbon is placed in a jar containing carbon dioxide, on the walls of the jar the element formed is
 - a. oxygen.
- b. nitrogen.
- c. hydrogen.
- d. carbon.
- 2. The joint is the location of meeting of
 - a. two bones.

b. muscle with bone.

c. two muscles.

- d. two cells.
- 3. The best metal in conducting heat is
 - a. aluminium.
- b. copper.
- c. iron.
- d. wood.
- 4. The gas which turn limewater turbid is gas.
 - a. oxygen
- b. carbon dioxide c. nitrogen
- d. ozone

[B] join from column (A), what is suitable from column (B):

(A)	(B)	
1. Backbone	a. allow movement in all directions.	
2. Freely movable joints	b. consists of 33 vertebrae.	
3. Slightly movable joints	c. consists of 12 pairs of ribs.	N/
4. Ribcage	d. allow movement in one direction only.	
d	e. protects the brain.	42

3. [A] Write the scientific term :

calques signal

هذا العمل حصرى على موقع ذاكرولى التعليمى ولا يسمح بنشره فى أى مواقع أخرى لمزيد من أعمالنا تفضل بزيارة موقعنا على الانترنت https:\\www.zakrooly.com

قع ذاكر راج التعليمي

الصف السادس الايتدائي

	□ 12 FaV
[B] Correcting the underlined words :	Naco
1. The liquid used in medical thermometer is the alcohol.	(
Nitrogen represents 21 % of the volume of the atmosphere.	(
Carbon dioxide gas is essential to form rust.	(
[A] Give reasons for :	\$5
Carbon dioxide is used in extinguishing (putting off) fires.	2.5
[B] What happens when ?	22
There is no oxygen in the atmospheric air.	
[C] If an object's mass = 30 kg. on the Earth. Calculate :	
1. Its weight on the Earth.	281 110
2. Its weight on the moon.	3 .
[D] Study the following figure, then label it :	① /
①	
②	
③ ····································	
	-
	4
Damitta Governorate Science Inspectoro	rte
swer the following questions :	3.1
Complete the following sentences :	8
1. The measurement unit of mass is, whereas the measure	ement unit of
weight is	Ä
2. Oxygen is produced from process and carbon dioxide is process.	produced from
3. As the mass of the planet on which the body exists increases, the	of
1/2 (2) Y/12 101 101 101 101 101 101 101 101 101 1	
the planet increases and of the body increases.	





Carbon dioxide is proof	epared in the labora	tory by adding	····· to the powder
5. We use to measure the temper		AX (C)	eis used to
6. The peripheral nerve		of of crania	al nerves and
[A] Write the scientif	ic term of each of t	the following :	
 Automatic resp 	onse of the body to	different stimuli suci	h as light and heat.
	TI		()
2. Materials that I	et heat flow through.		()
3. The degree of	hotness or coldness	of a body.	()
4. A flame is used	I in cutting and weld	ing metals.	()
A gas is used in	n making soft drinks	•	()
25	on which leads to ra s in the climate.	ise in the Earth's te	mperature and
[B] Give reasons for			200
등 및 _{200 원생원} 25 의	way from the source	e of pollution.	31 O

2. Oxygen is colle	cted by downward o	displacement of water	er.
3. Mercury is use	in thermometers.	*	
*			
[A] Choose the corre	ct answer :	0 20	St 10
1. The cerebellum	is responsible for	*********	
a. thinking.	22	b. the body bala	nce.
c. the reflex acti	on.	d. memory.	3 S
2. Myelin sheath st	irrounds the	· 2	
a. nerve cell's a	con.	b. spinal cord.	
c. cerebrum.		d. cerebellum.	<u> </u>
3. When oxygen co		ment, the mass of th	e product is
a. equal to	b. less than	c. more than	d. (a) and (b)
132)			
(フ			94



4. The device of measi				
 a. the spring scale. 	b. the balance s	cale.	Section 100	
c. one-arm scale.	.d. two-arms sca	e.		
5. Which of the following	ng is from slightly	movable joints		4
a. thigh.	b. wrist.	c. ankle.	d. knee.	
6. Mercury remains in	liquid state between	∍n C°.	Ÿ.	
a. (39 : 357)	b. (39: -357)	c. (-39 : 357)	d. (0 : 100)
] Mention the name of	the organ that is	s responsible fo	or:	15
Controlling the volu	intary movements	of the body.		
2. Protecting the spin	al cord.			
3. Protecting the hear	t and the two lung	ıs.		
4. Protecting the brain	n narte	ens a crossindrett i 10 zulktir (10 95.2) bill 1998 (1922) (1		
T. I TOLOGUE A LIG DIGII	· parto.			
] If an object's mass e mass on the moon's			ace. Calculate	its
] If an object's mass e mass on the moon's	surface ? and w		ace. Calculate	its
If an object's mass e mass on the moon's	surface ? and w	hy?	ace. Calculate	its
If an object's mass e mass on the moon's	surface ? and w	hy?	ace. Calculate	its
If an object's mass e mass on the moon's What happens in the f	ollowing cases ?	hy ?	ace. Calculate	its
If an object's mass e mass on the moon's What happens in the f	ollowing cases ? human body are w	vithout joints.	ace. Calculate	its
If an object's mass e mass on the moon's What happens in the f 1. All the bones of the 2. The over use of stir	ollowing cases? human body are wanted and substance of the center of the	vithout joints.	ace. Calculate	its
If an object's mass e mass on the moon's What happens in the f 1. All the bones of the 2. The over use of stir	ollowing cases? human body are wanted and substance of the center of the	without joints. es. of the Earth.		
If an object's mass e mass on the moon's What happens in the factor of the second stire. The over use of stires. A body moves away. Correct the underline.	ollowing cases? human body are wanted and substance of the center of the	without joints. es. of the Earth.	leguminous pla	
If an object's mass e mass on the moon's What happens in the factor of the second stire. The over use of stires. A body moves away. Correct the underline.	ollowing cases? human body are with the center of a fix oxygen of a	without joints. es. of the Earth.	leguminous pla	ints.
If an object's mass e mass on the moon's What happens in the fine of the second start of the second start of the second	ollowing cases? human body are with the center of a large passes through	without joints. es. of the Earth. ir in the roots of	leguminous pla	ints.
If an object's mass e mass on the moon's What happens in the f All the bones of the The over use of stir A body moves away Correct the underline The nodular bacter When the exhaled	ollowing cases? human body are words: ia fix oxygen of a air passes through	without joints. es. ir in the roots of the clear limewater	leguminous pla (ints.



Fayoum Governorate

Science Supervision for Governmental Language School

Answer	the	follo	wing	questions	:
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Answer the following questions :	
1. [A] Complete the following :	
Oxygen is produced from process and carbon die from process.	oxide produced
The number of cranial nerves is and the number nerves is	of spinal
3. The medical thermometer is graduated from to	
 The is the measurement unit of mass, whereas measurement unit of weight. 	theis the
[B] What would happen in the following cases?	数 税 ·
There is no oxygen in the atmospheric air.	
2. The percentage of carbon dioxide in the air increases.	
2. [A] Correct the underlined words in the following statement	ts:
1. Copper from substances which the heat cannot pass through	gh it. ()
2. Nitrogen gas is used in putting off fires.	()
 The nodular bacteria fix air <u>oxygen</u> in roots of leguminou beans and clover. 	us plants such as ()
4. Mass is the force of the Earth's gravity to an object.	()
[B] Mention one function for each of the following	
1. Skull.	ti n
2. Cartilages between the vertebrae of the backbone.	

3. [A] Choose the correct answer :

- 1. Respiration and combustion processes consume gas.
 - a. oxygen
- b. nitrogen
- c. argon
- d. carbon dioxide



¥ (10)		tne body on the Ea ace is	artn's surface is 6 Ne	wton, so its weight on
	a. 1 kg.	b. 1 Newton.	c. 6 kg.	d. 6 Newton.
	3. The gas which	is used with acety	lene in welding meta	ils isgas.
	a. oxygen	b. nitrogen	c. hydrogen	d. carbon dioxide
	4. Which of the fo	ollowing is from joi	nts ?	#11.2
	a. Femur.	b. Shaft.	c. Pelvic.	d. Knee.
[B] Look at figure,	then answer :		
	- This is structur	e of		
	- Write the name	es of parts :		
	①		errere.	
	②		errores	1 2
_		#U		
4. [A]			of the following stat	ements :
		to measure body w		· (······)
	2. Materials that	et heat flow throug	gh.	()
	A system response the human book		ion and coordination	between systems of
		bones meet and a	allow moving.	(
(B)	Give reasons fo		190 0	
1-	60 500001 154508 555083	d to the dough on i	making bread.	44 (4)
	2. Aluminium is	used in manufactu	ring of cooking pans.	
21	El-Minia Go	vernorate	St. Mark and El 7	Tawfik Schools
Answe	er the following q	uestions :	* *	
1. [A]	Choose the corr	ect answer :	: <u>-</u> 1	4 H 2
0.00		equals the mass	of one paper clip	¥.
	a. Kilogram	b. Gram	c. Newton	d. Ton
	- 10 No.		conducting heat ?	
	a. Copper.	b. Iron.	c. Aluminium.	F 142 5240
	V2. AR.	THE PROPERTY OF THE STATE OF TH	2 m 4 . 42 . 22 M 4 . 4 . 4 . 4 . 4 . 4 . 4 . 4 . 4 . 4	(135)





	3. Oxygen is pro	duced from pro	cess.	- 130
	a. burning	b. oxidation	c. photosynthesis	d. respiration
	4. The cerebellu	m is responsible for	norman et al. 17	*
	a. thinking.	b. the body balance.	c. the reflex action.	d. memory.
[B	Problem :		=	2.11
	An object whose	e mass on the Earth equa	als 6 kg. Calculate its	weight on both
	surfaces of the l	Earth and the moon.		
57				······································

		•		
2. [A]	Complete the fo	llowing statements :		tr en
	1and	are some usage	es of good heat condu	ctors.
	_ NOME	s prepared by the decom	position ofin	the presence
	of	9 5272	de de les textes	
	3. Mass is meas	ured byscale, v	whereas weight is mea	asured by
	4 contr	ols the reflex action (refle	exes).	390
		ge of carbon dioxide gas ymbol	in the atmospheric air	r is
[B]	Give reasons fo	r the following:	(9)	1952
	1. Brain is locate	d in the skull.		
	Carbon dioxide	gas is used in extinguishi	ing some fires.	# 18 #
	3. The handles of	cooking utensils are made	e of plastic or wood.	
3. [A]	Write the scient	fic term of each of the	following :	
	1. The force with	which a body is attracte	ed to the Earth.	()
	2. A rapid union heat and light	between oxygen and an	element producing	()
		nit of the nervous system	n.	()
	4. The area of tw	o bones meeting.		()
(136)				¥6





[B] Compare between the medical thermometer	er and the Celsius thermometer:
---	---------------------------------

Points of comparison	Medical thermometer	Celsius thermometer
1. Usage :		
2. Structure :		
3. Used liquid :		
4. Scale :		

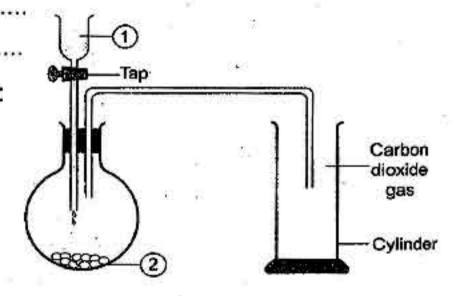
♣. [A]	Correct the underlined wrong word	s in the f	ollowing statem	ents:
	1 All materials are good conductors	of heat		7

- 2. Ozone molecule is composed of two hydrogen atoms and one oxygen atom. (.....)
- 3. There are 12 pairs of spinal nerves and 31 pairs of cranial nerves.

[B] Look at the following figure, then answer:

- *1. Write what represents each label:
 - Liquid ①:
- Substance ② : 2. Mention three uses of carbon dioxide gas:

3. Carbon dioxide is collected by upward displacement of air. Why?



Assiut Governorate

Science Inspectorate

Answer the following questions:

. Complete the following statements :

- 1. The measurement unit of mass is or , whereas the measurement unit of weight is
- 2. The nervous system divided into system and system.
- 3. The graduation of medical thermometer begins from 35°C and ends at °C.

المحاصر علوم لغات (Notebook) / ۲ ب/ تيرم ۱ (م: ۱۸)







1. The spring scale is used for measuring weight. 2. The mass of body changes as its location changes. 3. Celsius thermometer is used to measure the temperature of human being. 4. The spinal cord is responsible for the reflexes. () [B] Give reasons for: 1. Carbon dioxide is used in extinguishing fires. 2. The balance scale should be placed horizontally on a stable surface. [A] Write the scientific term of each of the following statements: 1. The gas that exists in the atmosphere and protects the Earth from harmful radiations coming from the Sun. 2. Materials that let heat flow through. 3. The building unit of nervous system. 4. They are 12 pairs of nervous emerging from the brain. [B] Mention the function of the following: 1. The flame oxy-acetylene. 2. Medulla ablongata. [A] Choose the correct answer: 1. Cerebellum is responsible for a thinking. b. balance of the body. c. the reflex action. 2. Nitrogen represents of the Earth's atmosphere. a. 21 % b. 78 % c. 0.03 % [B] If an object whose mass on the Earth equals 30 kg. Calculate: 1. Its weight on the moon. 3. Its mass on the moon.	. [A] Put (√) or (x) in t	front of the following:			
3. Celsius thermometer is used to measure the temperature of human being. 4. The spinal cord is responsible for the reflexes. [B] Give reasons for: 1. Carbon dioxide is used in extinguishing fires. 2. The balance scale should be placed horizontally on a stable surface. [A] Write the scientific term of each of the following statements: 1. The gas that exists in the atmosphere and protects the Earth from harmful radiations coming from the Sun. 2. Materials that let heat flow through. 3. The building unit of nervous system. 4. They are 12 pairs of nervous emerging from the brain. [B] Mention the function of the following: 1. The flame oxy-acetylene. 2. Medulla ablongata. [A] Choose the correct answer: 1. Cerebellum is responsible for	1. The spring scale	is used for measuring weight.		()
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[B] Give reasons for: 1. Carbon dioxide is used in extinguishing fires. 2. The balance scale should be placed horizontally on a stable surface. 2. The balance scale should be placed horizontally on a stable surface. 3. [A] Write the scientific term of each of the following statements: 1. The gas that exists in the atmosphere and protects the Earth from harmful radiations coming from the Sun. 2. Materials that let heat flow through. 3. The building unit of nervous system. 4. They are 12 pairs of nervous emerging from the brain. [B] Mention the function of the following: 1. The flame oxy-acetylene. 2. Medulla ablongata. [A] Choose the correct answer: 1. Cerebellum is responsible for			nperature	()
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[A] Write the scientific term of each of the following statements: 1. The gas that exists in the atmosphere and protects the Earth from harmful radiations coming from the Sun. 2. Materials that let heat flow through. 3. The building unit of nervous system. 4. They are 12 pairs of nervous emerging from the brain. [B] Mention the function of the following: 1. The flame oxy-acetylene. 2. Medulla ablongata. [A] Choose the correct answer: 1. Cerebellum is responsible for a. thinking. 2. Nitrogen represents of the body. 3. The flame oxy-acetylene. 3. The flame oxy-acetylene. 4. The flame oxy-acetylene. 5. [A] Choose the correct answer: 1. Cerebellum is responsible for a. thinking. 5. District atmosphere. 6. Co. 0.03 % [B] If an object whose mass on the Earth equals 30 kg. Calculate: 1. Its weight on the moon.	2. The balance sca	ale should be placed horizontally	on a stable surfac	e.	
1. The gas that exists in the atmosphere and protects the Earth from harmful radiations coming from the Sun. (
1. The gas that exists in the atmosphere and protects the Earth from harmful radiations coming from the Sun. (- [A] Write the scientific	term of each of the following	statemente :		→ 0
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3. The building unit of nervous system. 4. They are 12 pairs of nervous emerging from the brain. [B] Mention the function of the following: 1. The flame oxy-acetylene. 2. Medulla ablongata. [A] Choose the correct answer: 1. Cerebellum is responsible for	DESCRIPTION OF SECURITION OF S	N 795-55 200 40	. ()
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1. The flame oxy-acetylene. 2. Medulla ablongata. [A] Choose the correct answer: 1. Cerebellum is responsible for a. thinking. b. balance of the body. c. the reflex action. 2. Nitrogen represents — of the Earth's atmosphere. a. 21 % b. 78 % c. 0.03 % [B] If an object whose mass on the Earth equals 30 kg. Calculate: 1. Its weight on the Earth. 2. Its weight on the moon.		A CONTRACTOR OF THE PART OF TH			3 . 7.2
2. Medulla ablongata. [A] Choose the correct answer: 1. Cerebellum is responsible for a. thinking. b. balance of the body. c. the reflex action. 2. Nitrogen represents — of the Earth's atmosphere. a. 21 % b. 78 % c. 0.03 % [B] If an object whose mass on the Earth equals 30 kg. Calculate: 1. Its weight on the Earth. 2. Its weight on the moon.		A TO DE LOUIS DE LA COMPANSA DEL COMPANSA DE LA COMPANSA DEL COMPANSA DE LA COMPA	17 B 25		
[A] Choose the correct answer: 1. Cerebellum is responsible for					•••
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1. Cerebellum is responsible for a. thinking. b. balance of the body. c. the reflex action. 2. Nitrogen represents	***************************************	***************************************			
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[B] If an object whose mass on the Earth equals 30 kg. Calculate: 1. Its weight on the Earth. 2. Its weight on the moon.	and the second s	and the state of t	The same of the sa	# B	
1. Its weight on the Earth. 2. Its weight on the moon.	a. 21 %	b. 78 %	c. 0.03 %		
2. Its weight on the moon.	[B] If an object whose	mass on the Earth equals 30	kg. Calculate :	a r	
	1. Its weight on the	Earth.	53.6.5		
	0 Hl-b-l H	***************************************	***************************************		
3. Its mass on the moon.	2. Its weight on the	moon.			555
3. Its mass on the moon.	3 Ita mass on the	maan			1520
	3. แร mass on the l				522



[C] L	ook at the opp	osite figure, then labo	elit: }∠	
Q	D			
(2	D			
(3)		(]	
4	D			
377700	e .:	**************************************	2	a
23	Sohag Gov	ernorate	Science Inspec	torate
nswer	the following o	questions :		£1
[A] C	omplete the fo	llowing statement :	₩	
1.	. Mass is meası	ured by, where	as weight is measu	red by
2.	. The scale of the	ne medical thermomete	r starts from	···· °C and
	ends at	···· °C.		12
3.	. The number o	f spinal nerves is	···· pairs and the nu	imber of cranial
	nerves is	······ pairs.		*
[B] C	hoose the con	rect answer :		8
1.	. An object whos	se weight is 20 Newton o	n the Earth, its mass	is equal to
	a. 2 kg.	b. 10 kg.	c. 20 kg.	d. 200 kg.
2.	. Heat insulator	s are used in making al	of the following ex	cept
	a. handle of in	on.	b. cooking pots.	 2
	c. woolen clot	hes.	d. heavy blanke	ts.
3.	. Which of the fo	ollowing gases have gr	eat percentage in th	ne atmospheric
	air ?	100 and 2	(A) (SE)	W.
	a. Oxygen.	b. Carbon dioxide.	c. Nitrogen.	d. Water vapour.
	rite the scient	ific term of each of th	e following staten	nents :
		ific term of each of the		nents : ()
1.		hich a body is attracted		5
1. 2.	A force with wl	hich a body is attracted	to the Earth.	()





Oxy-acetylene flame.	
3. Cerebellum.	- MI
[A] Correct the underlined wrong words in the following	The state of the s
The measuring unit of <u>mass</u> is Newton.	(
Ozone molecule consists of <u>four</u> oxygen atoms.	(
3. Nitrogen gas results from the combustion of organic	
NAME OF THE PARTY	(
 Oxygen gas is called azote which means lifeless. 	(
[B] Look at the opposite figure, then answer:	
Label the numbered bones.	0477
①	~ WW
②	
③	
2. This figure represents the bones of limbs.	
2. This rigule represents the bories of Illios.	3 - 001 B 160
2. This figure represents the bories of limbs.	(3) - MILE (MA)
	ont of false one:
■ [A] Put (✓) in front of the correct statement and (ェ) in fr	ont of false one :
 [A] Put (√) in front of the correct statement and (x) in fr 1. Heat transfers from the cold object to hot object. 	ont of false one :
 [A] Put (√) in front of the correct statement and (x) in front 1. Heat transfers from the cold object to hot object. 2. Oxygen gas occupies 78 % of the atmospheric air. 	ont of false one :
 [A] Put (√) in front of the correct statement and (x) in front 1. Heat transfers from the cold object to hot object. 2. Oxygen gas occupies 78 % of the atmospheric air. 3. Aluminium is a bad conductor of heat. 	ont of false one :
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Answer the following question	s:	E.	0 0
1. [A] Complete the following s	statements :	Y.	n s
1. From the substances w		luctors of heat	and
The mass is measured byscale.	byscale	e and the weight is me	asured
The number of the crar nerves is	nial nerves is	and the number	of the spinal
4 and a	re the sources of	f carbon dioxide.	
[B] Mention the function of	each of the follo	wing :	- a .:
1. Celsius thermometer.	Y.		9

2. Cerebellum.	21		a ^{ll} a

***************************************		***************************************	
2. [A] Choose the correct answ	ver:		
1. The gas which turns cle		oid is gas.	15
a. oxygen	b. nitrogen	c. carbon dioxide	d. ozone
2. The centers of thinking	and memory lie i	n	41
a. medulla oblongata.	b. spinal cord.		9
c. cerebellum.	d. two cerebra	l hemispheres.	Ĭ
3. If the weight of a body i	s 200 Newton, its	mass equals	, , , , , , , , , , , , , , , , , , ,
a. 2 kg.	b. 20 kg.	c. 200 kg.	d. 2000 kg.
4. The liquid used in the m	nanufacture of the	thermometer is	
a. hydrogen peroxide.	b. water.	c. mercury.	d. alcohol.
[B] Give reasons for :	1.0	**	
1. Air is the main source o	f nitrogen.		
***************************************		***************************************	
***************************************		***************************************	······
		57	(141)

هذا العمل حصري على موقع ذاكرولي التعليمي ولا يسمح بنشره في أي مواقع أخرى لمزيد من أعمالنا تفضل بزيارة موقعنا على الانترنت https://www.zakrooky.com

مرقع الكرولي التعليمي

الصف السادس الابتدائي



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[A] Write the scientific term of each of the following statements: 1. The substances that allow heat to pass through. 2. A bony case that contains brain inside. 3. An organ responsible for the reflex actions of the body. 4. A flame is used in cutting and welding metals. [B] If a body its mass 60 kg. Calculate its weight on the Earth's surface and also calculate its weight on the moon's surface? [A] Correct the following statements: 1. The axon of nerve cell is surrounded by gelatinous layer. 2. The weight is constant amount and changes as the location changes. 3. When a glowing magnesium ribbon is placed in a jar containing oxygen gas, a black substance is formed. 4. The maximum and minimum graduation of the clinical thermometer is between (32:45) Celsius degrees. [B] What would happen in the following cases: 1. An iron nail wetted by water is exposed several days to humid air. 2. The percentage of carbon dioxide gas increases in the atmospheric air.	. 2	2. Staying away from the tranquilizers and stimulants.
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***************************************		. An iron nail wetted by water is exposed several days to humid air.
***************************************	j.	The percentage of seathers attend to the contract of the contr
***************************************	6	The percentage of carbon dioxide gas increases in the atmospheric air.

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Answer	the	followi	ng	questi	ons	:
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Answer the following questions :	51	
1. [A] Complete the following statements :	2	
1. Mass is a constant value and it is not affected by changing	P	
2. From the functions of the lower limbs	G	ts o
3. The graduation of medical thermometer starts from to		
4. The axon of nerve cell is surrounded by		
5. An object's weight depends on and and	9	
[B] Write one function of :	70.	$\frac{1}{2}$
1. The ribcage.		¥.
2. Celsius thermometer.	- 63	
3. Balance scale.		
4. Oxy-acetylene flame.	******	
2. [A] Put (✓) in front of the correct statements and (×) in front of false	one	:
1. Iron is the best heat conductor.	()
Oxygen gas occupies 0.03 % of the atmospheric air components.	().
3. The skull has immovable joints.	()
 A black substance is formed when oxygen reacts with a lighted magnesium ribbon. 	()
5. Cartilages prevent the friction between the bones of vertebrae.	()
The outer surface of the hemispheres is called cerebral cortex and it a white matter.	is ()
[B] If the object's mass = 3 kg. on the Earth surface. Calculate :		
1. Its mass on the moon.		
·		****

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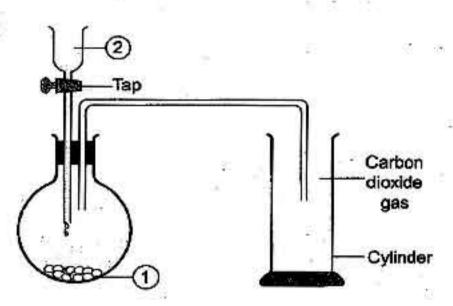
	3. Its weight on the moor	i. a	
[C]	Give reasons for :		\$2 1
	Cooking utensils made	e of aluminium.	
	2. Oxygen gas is collected	ed by downward displac	ement of water.
	3. Yeast is added to doug	h.	••••••
-		*	
. [A]	Choose the correct ans		
	The used liquid in med		
	a, water.	b. alcohol.	c. mercury.
	2. We can extinguish fire	LJ 55.	a aarkan diayida
	a. oxygen	b. nitrogen	c. carbon dioxide
	3. The device of measuri	NATA TANA	a digital apple
	a. two-arms scale. 4 controls the re	b. spring scale.	c. digital scale.
			- Constitution
	a. Spinal cord	b. Cerebellum	c. Cerebrum
	5. Respiration and comb	SATA	Market Ma
	a, oxygen 6 Which of the following in	b. nitrogen	c. carbon dioxide
	EN 10 52 55	70 1976 St 75 1613	the body balance?
5 <u>100.00</u> 0	a. Spinal cord.	b. Medulia obiorigal	ta. c. Cerebellum.
	What happens if? 1. Damage of medulla ob	longata.	
	2. The percentage of carl	oon dioxide gas in air in	creases.

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[C] Look at the following figure, then answer:

- 1. Substance number ① is ······
- 2. Liquid number ② is
- From the properties of the evolved gas is ------



4. [A] Write the scientific term of each of the following statements :

- A gas is used by legumes in formation of their proteins.

 (------)
- Substances are formed when iron exposed to the humid air for 3 days.
- The measuring unit of mass which equals the mass of one liter of distilled water at the normal temperature.

 (-------)

- [B] Join from column (A), what is suitable to column (B) :

(A)	(B)
 The backbone Ozone gas Oxygen gas Nitrogen gas Slightly movable joints Freely movable joints 	 a. they allow movement in one direction only. b. they allow movement in all directions. c. consists of 33 vertebrae. d. hydrogen peroxide is used in its preparation. e. protects the brain. f. protects the Earth from harmful radiation. g. it represents 78 % of the volume of the atmospheric air.
	2

المحاصر علوم لغات (Notebook) / ۲ ب/ تيرم ١ (م: ١٩)





هذا العمل حصرى على موقع ذاكرولى التعليمى ولا يسمح بنشره فى أى مواقع أخرى لمزيد من أعمالنا تفضل بزيارة موقعنا على الانترنت https:\\www.zakrooly.com

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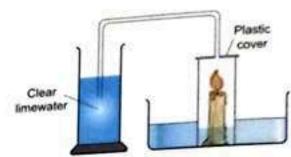
Answer the following questions:

1. [A] Complete the following statements:

- 1.scale is used to measure the large masses as cheese.
- and are bad conductors of heat.
- is a device used to measure temperature.
- 4. The percentage of oxygen gas in atmosphere equals %, while the percentage of carbon dioxide is %
- is the system that controls all the vital operations of the body.
- 6. is the bony box that protects the brain.

[B] Look at the opposite figure, then answer:

- The candle will because it consumes the gas.
- 2. Clear limewater turns into due to
 - the passage of gas through it.



[C] What is the importance (usage) of ... ?

- Good conductors of heat.
- Medulla oblongata.

2. [A] Choose the correct answer:

- nearly equals the mass of one paper clip.
 - a. Kilogram
- b. Newton
- c. Gram
- d. Ton
- 2. The bulb of the medical thermometer is filled with
 - a. alcohol.
- b. water.
- c. mercury.
- d. oil.
- 3. Nitrogen represents of the Earth's atmosphere.
 - a. 90%
- b. 21%
- c. 0.03%
- d. 78%
- 4. The cerebellum is responsible for
 - a. the body balance.
- b. thinking.

c. memory.

d. the reflex actions.

B] Give reasons for the following :	
1. Although oxygen is consumed during respiration, its percentage remains	
stable in the atmosphere	
2. The weight of a body in a plane is smaller than that on the Earth's surface	e.
[C] Look at the opposite figure, then answer:	
1. This figure indicates the structure of	
2. Complete :	
Part (A) represents the	1
Part (B) represents the B	×
[A] Put (V) in front of the right statements and (x) in front of the wrong on	ies :
1. Newton is the measuring unit of weight of an object whose mass is	
100 grams. ()
2. Heat transfers from cold object to hot object.)
3. Oxygen gas is produced during photosynthesis process. ()
4. Nitrogen gas is the most abundant gas in air.)
5. The outer part of the brain is a white matter.)
6. Backbone consists of 33 pairs of vertebrae.)
[B] If the object's mass = 10 kg. on the Earth, calculate.	
1. Its mass on the moon =	
2. Its weight on the Earth =	
3. Its weight on the moon =	
[C] What happens when ?	
1. A medical thermometer is put in boiled water.	
1. A medical monitoring	
2. The percentage of carbon dioxide gas in air increases.	
2. The person o	

· [A]	Write the sci	entific term of each of the follo	wing:	
		nt of matter in an object.		()
	2. The measu	ring unit of temperature.		()
	3. A flame tha	it is used in cutting and welding n	netals.	()
	4. A gas that i	s used by the plant to make phot	osynthesis process.	()
	5. The body o	organ which is responsible for the	reflex actions.	(·····)
	6. The structu	re which protects the heart and l	ungs.	()
[B]	Compare bet	tween immovable joints and fre	ely movable joints.	
	P.O.C.	Immovable joints	Freely movable	Mada Name
	Definition :			
	Example :			
	Caire			Cobool
	Canro	Governorate Akhn	aton Egyptian Languag	e School
Answe		ng questions :	aton Egyptian Languag	e School
79 <u>44</u> 7	r the followin	ng questions :	aton Egyptian Languag	e School
1. [A]	er the following			
1. [A]	er the following	ng questions : e following statements :		
1. [A]	cr the following Complete the 1. The measure is	ng questions: e following statements: uring unit of mass is, wheexide gas is changed into liquid by	ile the measuring uni	t of weight
1. [A]	Complete the 1. The measure of the 1. Carbon dio 3re	ng questions: e following statements: uring unit of mass is, where is the heartbeats, while	ile the measuring uni	t of weight
1. [A]	Complete the 1. The measure 2. Carbon dio 3re 4re	ng questions: e following statements: uring unit of mass is, where is the heartbeats, while e gulates the heartbeats, while e used to detect the presence of contract the presenc	ile the measuring uni	t of weight
1. [A]	complete the 1. The measure of the 1. The measure of the 1. Carbon dio 1	ng questions: e following statements: uring unit of mass is, where is the heartbeats, while used to detect the presence of consages of heat conductors is	ile the measuring uni	t of weight
1. [A]	Complete the 1. The measure is	ng questions: e following statements: uring unit of mass is, where is a changed into liquid by egulates the heartbeats, while to used to detect the presence of consages of heat conductors is	ile the measuring uni	t of weight
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1. [A]	Complete the 1. The measure is	ng questions: e following statements: uring unit of mass is, where is a changed into liquid by egulates the heartbeats, while to used to detect the presence of consages of heat conductors is	ile the measuring uni	t of weight
1. [A]	Complete the 1. The measure is	ng questions: e following statements: uring unit of mass is, where is the statements of the presence of control of the moon's gravity is less than	ile the measuring uni	t of weight
1. [A]	Complete the 1. The measure is	ng questions: e following statements: uring unit of mass is, where is a changed into liquid by egulates the heartbeats, while to used to detect the presence of consages of heat conductors is	ile the measuring uni	t of weight

[A] Write the scientific term:	
1. Materials which don't allow heat to pass through.)
2. A gas molecule consists of 3 oxygen atoms.)
3. Automatic response of the body to different stimuli.)
4. The degree of hotness or coldness of a body.)
5. The force by which an object is attracted to the Earth.)
6. The basic structure unit of the nervous system.)
7. A device used to measure the temperature of the human body. ()
8. Structure consists of skull, backbone and ribcage. ()
[B] What happens when ?	
1. Oxygen percentage in the air becomes more than 21%.	
2. There are no joints in the skeleton.	
3. A body moves away from the center of the Earth.	
4. The over use of coffee and tea.	
[A] Choose the correct answer:	K X
1. The gas which doesn't burn but helps in burning is gas.	
a. nitrogen b. oxygen c. carbon diox	cide
2. The branches which extend from the neuron's body are called	
a. dendrites. b. cytoplasm. c. nucleus.	
3. Water is formed of	
a. oxygen and nitrogen. b. oxygen and hydrogen. c. nitrogen and	d hydrogen.
4. Nitrogen represents % of the air volume.	
a. 78 b. 21 c. 0.03	

	The bones of the up	pper limbs are connected	to the bones.	
	a. humerus	b. pelvic	c. shoulder	
	increasing the temp	perature of the Earth.	the atmosphere leads to	
TD.	a. oxygen	b. nitrogen	c. carbon dioxide	
[B	Mention the function	of:		
	 Spring scale. 		11	
	Cartilages between	the vertebrae of the bac	kbone.	

	3. Carbon dioxide (on	e function only).		
	•••••••••			
				•••••
	Oxy-acetylene flam	e.		
	***************************************			•••••
		······································		
	Problem :			
			e Earth's surface. Calculate	its
	mass on the moon's s	uriace.		
[A	Correct the underline	ed words :		
	1. The backbone prote	ects the lungs.	· · · · · · · · · · · · · · · · · · ·)
	2. During respiration,	the gas produced is oxyg	gen. ()
	3. The nodular bacteria	a live in the stem of legu	minous plants. ()
	4. The scale of the Cel	sius thermometer starts t	from 35°C to 42°C. ()
		union between oxygen a		
	6. There are 12 pairs	of ribs connected anterior	rly to the sternum bone.	
			()

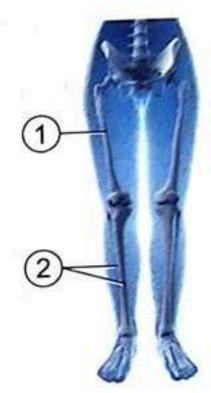
[B] Compare between:

Cranial nerves	Spinal nerves

[C] Label the o	oposite fi	gure :
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\cdot																																				





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Futures Language Schools

Answer the following questions:

- [A] Choose the correct answer: 1. The main source of oxygen gas in air is process.
 - a. photosynthesis
- b. respiration c. combustion
- 2. The bulb of thermometer is filled with
 - a. water.

b. juice.

- c. mercury.
- 3. Copper conducts heat faster than
 - a. aluminium.
- b. iron.

c. (a) and (b).

- 4. The weight of any body =
 - a. Its mass × 100
- b. Its mass × 10 c) Its mass / 100
- 5. The axon terminals form a with other neurons.
 - a. synapse
- b. nerve c. gray matter
- 6. We can extinguish fire using gas.
 - a. carbon dioxide
- b. oxygen

- c. hydrogen
- 7. The mercury remains in a liquid state between °C.
 - a. (39: 357)
- b. (39: -357) c. (-39:357)
- 8.is used as a catalyst in the preparation of oxygen.
 - a. Manganese oxide
- b. Manganese dioxide
- c. Hydrogen peroxide

[E	3] What happens when ? 1. A medical thermometer is put in boiled water.	
	2. The mass of an object increases (regarding the weight of the	object).
	1. The backbone consists of	vement.
		CO ₂
3. [/	1. The force of the moon's gravity is less than the Earth's gravity. 2. There is a constriction in the medical thermometer.	
[B	 3. It is the force by which a body is attracted to the Earth. 4. It is a bony box contains cavities for eyes, ears and nose. 5. It is the degree of hotness or coldness of a body. 6. It is a mixture of gases surrounding the Earth. 7. They are branches extending from the neuron's body. 	() () () () ()

. [A	Mention the function of: 1. The Brain.			
	2. The spinal cord.			
[B] Put (√) or (x):			
	1. Nitrogen gas represents 21 % of the volume of atmosphere.		()
	2. Heat transfers from cold object to hot object.		()
	3. Gram is used to measure big masses.		()
	Oxy-acetylene flame is used in welding and cutting metals.		()
	5. Spring scale is used to measure the weight of any object.		()
	6. When magnesium burns in a jar contains oxygen a black substa	nce		
	is formed of magnesium oxide.		()
	7. Nitrogen is lifeless gas.		()
	8. Cartilages increase friction between bones.		()
4	Cairo Governorate Manarat Al Farouk Islamic	Schoo	d	
Ansı	wer the following questions :			
1. [A	A] Give the key term for the following:			
	 The part of the nervous system that keeps the body balanced. 	(.)
		(
	3. A catalyst used during the preparation of oxygen gas.	()
	4. The type of thermometers that is used for measuring the temper			١,
	of liquids. 5. A unit of measuring weight which is equal to a mass of 100 gran)
	O. A diffe of incasaring worgin without to equal to a mass of 100 grain	()
	6. A gas produced during the fermentation done by yeast.	ì		(
П	B] Give reasons for the following:	. 1 8		•
	1. You remove your hand quickly when it touches a very hot object	t.		
	2. Carbon dioxide is collected by upward displacement of air.			••••
				••••

	3.	Medical thermo	meters can	't be sterilized by bein	g placed in boiling water.
9 -		***************************************			
4. [A				s of the following se	
	1	4		nation of oxygen and	an element which ()
	_	produces heat			*
		. Nitrogen repres			()
	3	. Mass changes	by changing	g the place on the Ear	th. ()
	4	The mass of 1	liter of water	is almost 100 gram.	()
	5	Cerebrum lies	at the back	area of the brain.	()
	6	There are 31 p	airs of crania	al nerves in the humar	n body. (········)
[E	8] V	hat is the impo	ortance of the	he following ?	
-		1. The catalyst	during the pr	reparation of oxygen.	
		2. Skull.			
		3. Dendrites.			
3. [4		omplete the fo			
		8.5			side a thermometer
	0.0-0148	9		aking soda water and	
		85080E4		an be used ar	
	4.	its weight		object and the center	of the Earth increases,
	5.	is a sl	ightly movat	ole joint.	
ſВ	1 C	hoose the corre	ect answer	:	
				80 kg., its weight on th	e moon is
		a. 30 kg.	b. 300 N.	c. 50 N.	d. 300 kg.
	2.	All of the follow	ing are parts	of the axial skeleton	except
		a. foot bones.	b. skull.	c. ribcage.	d. vertebral column.
	3.	is a po	or heat con	ductor.	
		a. Copper	b. Air	c. Aluminium	d. Iron

	 4. The outer layer of the spinal coangray matter. c. medulla oblongata. 5. There is a constriction above to a. Celsius thermometer. c. medical thermometer. 6. A	b. white blood cells. d. white matter. he bulb in case of b. digital balance. d. spring scale.
4.	[A] Give one example for each of t	the following :
	 Mass measuring units:	m:
I	B] Write what happens in the follo	owing cases:
	1. Dissociation of hydrogen perox	xide.
	2. Oxygen burns with acetylene.	
	3. Wearing heavy clothes in winter	er.
5	Cairo Governorate	Bloom Language School
		rtebral column is in presence of
	The number of peripheral nerv	es in the human body is

	6. 7. 8. G	The handles of d Nitrogen represe	cooking pots arents	f the temperature are t	he results of gas.
	2.	Carbon dioxide	gas is used in ϵ	extinguishing fires.	

. [A]	C	hoose the corre	ect answer :		
	1.	All the following	are from the co	omponents of the cent	ral nervous system
		except		5%	g a
		 a. spinal nerves 	i.	b. two cerebral hem	
		c. spinal cord.	W. 111.202	d. medulla oblongat	
	2.			bbon is placed in a jar	
				e jar the element that is	
	nn-ent	T (777)		c. hydrogen.	
	3	162/1626		nsists of pair	
		a. 10	b. 11	c. 12	d. 13
	4			into turbid is	
	_	a. oxygen	100	c. carbon dioxide	d. ozone
	5	is surro	2000	b. Cerebellum	
		a. Axon of nerve	e Cell	d. Cerebrium	
	6	c. Spinal cordReflex action ta	kas nlaca in		
	O	a. spinal cord.	nes place in	b. cerebrum.	
		c. medulla oblor	ngata	d. cerebellum.	
	n in a			G. GOLOBOHAITI.	
[B]	1	/hat happens wi			
	1	. Getting rid of no	idular bacteria.		
	0	There is no say	aon in the etma	enhoro	••••••
	2	. There is no oxy	Jen in the atmo	spriere.	
	2	Sitting for long r	pariode in front	of computors and tal	
	S	. Sitting for long p	Jenous III IIOIIL	of computers and tele	vision.

[A] Write the scientific term :			
1. The main system that is responsible for the body movement.	()
2. The automatic response of the body to different stimuli.	()
3. The main source of nitrogen gas.	(.)
4. A device used to measure the temperature of the human body.	(.)
5. A force by which a body is attracted to the Earth.	(.)
6. The amount of matter in an object.	(.)
[B] Put (√) or (x):			
1. The weight of an object increases with the increase of its mass.		()
2. Human suffers from suffocation after breathing carbon dioxide ga	as.	()
3. Nitrogen is called azote and it means gas of the life.		()
4. Appendicular skeleton consists of upper and lower limbs bones.		()
5. Brain is composed of two cerebral hemispheres, cerebellum,			
spinal cord and the skull.		()
6. Air is a good conductor of heat.		()
[A] Label the opposite figure :	1)		
	1/2		
	1	7	
- This figure represents the structure of the			(2)
- What is the function of part ② ?			
		•••	
[B] Problem:			
If the object's mass = 30 kg. on the Earth. Calculate :			
a. Its mass on the moon.			
		•••	
b. Its weight on the Earth.			
c. Its weight on the moon.			

6	Giza Governorate	Orman College School	
Answ	er the following questions :		
1. [A]	Complete the following sentences		
	1. The measuring unit of the mass is	, while the measuring unit of	
	the weight is		
	2 conducts heat faster than	aluminium.	
	3. The medical thermometer scale sta		
	4. Hydrogen peroxide decomposed in	ito and water in the presence	9
	of		
[B	Choose from column (B) what suit	s it in column (A):	
	(A)	(B)	
	1. Cerebrum	a. Is a liquid used to sterilize the	
	2. Ethyl alcohol	thermometer before using.	
	3. Spring scale	b. Is the measuring device of weight.	
	4. Oxy-acetylene flame	c. Its temperature reaches 3500°C.	to
		d. Responsible for voluntary movemen	is.
	1 2	3	
2. [A] Put (✓) or (ϫ) :		
	1. Heat transfers from hot object to co)
	2. Newton equals the weight of an obj)
	3. The number of cranial nerves is 31	pairs. ()
	4. The nodular bacteria fix the oxygen	for the leguminous plant. (,
[B]	Give reasons for :		
ST.	1. There is a constriction above merci	ary bulb in medical thermometer.	
	2. Carbon dioxide gas is collected by	upward displacement of air.	
	3. Damage of the medulla oblongata of	ausing death.	
	4. You have to keep away from tranqu	ilizers and stimulants.	

	Write the scientific term 1. The force by which the 2. Liquid used in making to 3. Automatic response to 4. The gas which represe	body is attracted to the chemometers. external stimuli.	center of the Earth. (
[B]	Label the opposite diag	ram :	<u>\</u>
	① ② ③ ④		
_			2
4. [A	Choose the correct ans		'tiaht on tho
	The planet on which the moon, is	e body weight equals 6 t	imes as its weight on the
	a. Mars.	b. the Earth.	c. Jupiter.
	2. The substances which		
	a. iron and aluminium.		c. copper and glass.
	3. The gas which is used	in making dry ice is	******
	a. oxygen.	b. nitrogen.	c. carbon dioxide.
	4. From the immovable jo	ints	
	a. joints between skull	bones.	b. knee.
	c. wrist.		
	5. The gray matter of the	spinal cord takes the shab. letter H.	c. letter S.
	a. letter R.		
[B]	A body of mass 6 kg. or		tn, calculate :
	a. Its mass on the moon =		
	b. Its weight on the Earth'	s surrace = ·······	·······
7	Giza Governor	ate 6 th c	of October Directorate
Answ	er the following question	is:	
4	Write the scientific term		
	1. A part from the axial sk		tebrae. ()
			,

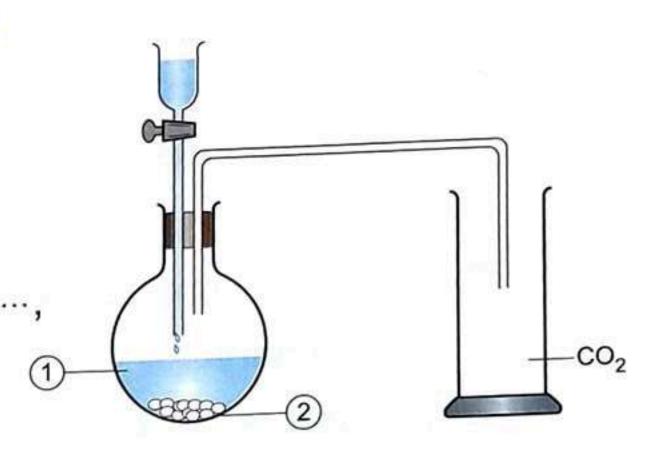
	2. The location at which bones meet each other.	()
	3. A slow combination of oxygen with an element in the presence	of moisture.
		()
	4. A gas that is called azote which means lifeless gas.	()
y I	[B] What happens when ?	
	1. You hold a piece of ice in your hand.	
	2. The distance between an object and the center of the Earth inc	reases.
2.	[A] Choose the correct answer:	
. (1. The gas that is mixed with oxygen for cutting and welding metals	s is
		vapour.
	2. The bone that connects the ribs from the front is	
	a. femur. b. skull. c. humerus. d. sternu	um.
	3. If the weight of the body is 20 Newton, its mass equals	
	a. 200 g. b. 20 kg. c. 2000 g. d. 200 k	g.
	4. The best metal in conducting heat is	
	a. copper. b. aluminium. c. iron. d. mercu	ury.
	[B] Give reasons for :	
	1. Damage of medulla oblongata lead to death.	
	2. Mercury is used in making thermometers.	
3	[A] Complete the following :	
U .	1. Heat transfers from the temperature object to the	
	temperature object.	
	2. The mass is value, while the weight is value	a .
	3. The number of cranial nerves is, while the number of	
	nerves is	- р
	4. The oxygen gas is prepared by decomposition of in the	ne presence
	of	V278001

[B] Correct the	underlined	words :
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- 2. We should use water to sterilize the medical thermometer. (.......

[A] Look at the opposite figure, then answer:

- a. Label the figure:
 - Liquid (1)
 - Substance (2)
- b. Carbon dioxide gas is collected by, because it is
- c. Mention only one use for this gas.



[B] Problem:

8

If the object mass = 12 kg. on the Earth, calculate:

- 1. Its mass on the moon surface.
- Its weight on the Earth.
- 3. Its weight on the moon.

Alexandria Governorate

Al-Montazah Educational Zone

Answer the following questions :

[A] Complete the following:

- Mass is measured by using, while weight is measured by using
- 2. and are good conductors of heat.
- 3.is used to sterilize the medical thermometer before using.
- 4. Oxy-acetylene flame is used in and of metals.
- 5. Reflex action takes place through the

PART 3

[B] G	ive reasons for:			
1.	The weight of a person	on the Earth is larger th	an that on the mo	on.
2	Overgon and in material	:time-viabing fire		
۷.	Oxygen gas is not used	in extinguishing ine.		•••••
Z. [A] C	hoose the correct ansv	ver:		
1.	Carbon dioxide gas is u	sed in making		
	a. dry ice.	b. protein.	c. ozone gas	¥ α
2.	Cerebrum controls the	movements.		
	a. voluntary	b. involuntary	c. (a) and (b)	are correct
3.	The joint is the location	of meeting of		
	a. two bones.	b. two muscles.	c. a muscle a	ınd a bone.
4.	. A liquid that is used in th	nermometers		
	a. water.	b. mercury.	c. oil.	
IB1 W	/hat happens when ?			
	The medulla oblongata			
500				
2	. A lighted magnesium rib	bon is inserted in a cyli	nder filled with Co) ,

	ut (v) or (x) and corre			
1.	. By increasing the distan		er of the Earth, de	creasing
	weight and mass of an			()
2.	. All materials are good c	onductors of heat.		()
3.	. Hydrogen peroxide diss	ociates into oxygen and	d water in the pres	sence
	of manganese oxide.			()
4.	Nitrogen gas is used in	making soft drinks.		()
IRI W	rite the scientific term	:		
Es	The gas protects the Ea		on.	()
				4.0
	t 18 E1955-02- 15 15		37-00	
				N 1810
2. 3.	Part of brain responsible Gas is collected by dow A phenomenon that occ	e for keeping the baland nward displacement of	ce of body. water.	() ()

[A] Look at the figure, then answer: 1. This figure represents 2. Label the figure: 3 [B] Body its mass on the Earth = 3 kg. Calculate:	
1. Its mass on the moon.	
2. Its weight on the Earth.	
[C] Mention the number of the following:	
1. Ribs :	
2. Vertebrae :	
3. The scale of medical thermometer from 35°C to	
4. The ratio of nitrogen gas in air is :	
9 Kalyoubia Governorate Al Resala Language School	
Answer the following questions :	
[A] Complete the following sentences :	
. [A] Complete the following sentences: 1. The Celsius thermometer is scaled from to	
The Celsius thermometer is scaled from to to	
The Celsius thermometer is scaled from to	
The Celsius thermometer is scaled from to	
 The Celsius thermometer is scaled from to	
 The Celsius thermometer is scaled from to	
 The Celsius thermometer is scaled from to	
 The Celsius thermometer is scaled from	
 The Celsius thermometer is scaled from	
 The Celsius thermometer is scaled from	
 The Celsius thermometer is scaled from	
 The Celsius thermometer is scaled from	
 The Celsius thermometer is scaled from	Gas (X)
 The Celsius thermometer is scaled from	

[C] Problem: An object its mass on the Earth is 90 kg. Calculate its weighted surface, then calculate its mass on Mars planet.	ght on the moon
[A] Correct the underlined words :	
 Carbon dioxide gas consists of one carbon atom and th 	ree oxygen atoms.
	(
Medulla oblongata controls the body balance during m	ovement. (·····
3. The medical thermometer is graduated from 0°C to 100	
4. The white matter in the spinal cord has the shape of let	manage and the state of the sta
[B] Classify each of the following joints by using the words (Freely movable – Slightly movable – Immovable	between brackets:
1. Joints between skull bones.	()
2. Wrist joint.	()
3. Knee joint.	()
4. Shoulder joint.	()
[C] Give reasons for: 1. The presence of a constriction in the medical thermometric constriction constriction in the medical thermometric constriction constric	ter.
The mass of a body on the Earth's surface equals the m body on the moon's surface.	ass of the same
3. Nitrogen gas is called azote.	
4. The withdrawal of the hand quickly when it suddenly tou	ches a hot surface.
[A] Write the scientific term :	
 The system that consists of 43 pairs of nerves. 	()
2. A device that is used to measure the large masses.	()

1	С	11	ı۸	1	FX	ΔΙ	MI	N	AT	1C	N:	S
ч	-	ı۱۱	14		$\Gamma \Lambda$	\sim 1			, , ,			

11.8	3. The slowest r	metal in condu	cting hea	the result	(
	4. The liquid tha				(
	5. The gas that	helps in the co	ombustion	process.	(
	6. It is almost ed				arth's surface
		is 100 grams.			(
3]	Match:				
	(A)			(B)	hann genville
	1. Kilogram	a. is measure	d in Newt	on.	
	2. Ribcage	b. is the meas	suring uni	t of mass.	
	3. Weight			eton that helps in	respiration.
	4. 0°C	d. is the meas	suring uni	t of weight.	CONTRACTOR OF THE PARTY OF THE
		e. is the melti	ng point c	of ice.	
	1	2	•••	3	4
21	What happens	when ?			
J	1. A medical the		ut in boili	ng water.	
	2. Carbon dioxi	de gas decrea	ses in the	air.	
	3. Absence of c	artilogoe botw	oon the w	ortehrae of the h	ackhone
	3. Absence of C	armages betw			
	4. Addition of m	anganese dio	xide over	hydrogen peroxi	de.
Λ 7	Choose the co	arrect answer			
AJ	1 is the	e force with wi	hich all ob	jects are attract	ed to the Earth.
	a. Mass		b. Weigh		c. Volume
		mbination betv	veen oxyg	en and element	s producing heat and
	light is called				
	a. respiration	٦.	b. burnir	3.50 miles	c. oxidation.
	3 gas	is used in mak	ing bread	and dough.	
	a Carbon die	oxide	b. Oxyge	en	c. Nitrogen
	4. An object wh	ose weight is	400 Newto	on on the Earth	
	, so its mass	equals			4001
	a. 40 kg.		b. 40 g.		c. 400 kg.

	 Legumes as clover benefi a. fats. 		of c. proteins.	
	6. You feel hot on touching a		temperature of the	
	cup is that of you			
	a. more than	b. less than	c. (a) & (b) are correc	t
[B	Put (√) or (x):			
	1. The spring scale is used t	o measure the object's mass	s. ()
	2. Oxygen gas doesn't burn	but helps in burning.	()
	3. The medulla oblongata co	entrols the voluntary moveme	ents. ()
	4. Heat transfers from the co	A5V	()
	5. Mercury is a bad heat cor		nt of water ()
	Oxygen gas is collected b	y the downward displaceme	nt of water.)
	Give an example for each			
	A measuring tool for jewel		(5
	2. A gas which is used in ma		lothes. (•
	3. A heat insulator that is use	ed in making neavy woolen c	iotrics.	,
	Manage Covernor	Cajanca	Inchactorata	
0	Menofia Governor	ate Science	Inspectorate	
	Menofia Governor		Inspectorate	
nsw	er the following questions of the Complete the following sta	: atements :		
nsw	er the following questions Complete the following sta 1. Carbon dioxide gas is pre	tements:	***********	
nsw	cer the following questions Complete the following sta 1. Carbon dioxide gas is pre 2. The first ten pairs of the ri	tements: pared by adding to bcage are connected anterio	orly with	
nsw	complete the following start. 1. Carbon dioxide gas is precase. 2. The first ten pairs of the rich start. 3. The lower limbs are connected.	tements: pared by adding to bcage are connected anterio	orly with	
nsw	Complete the following start. 1. Carbon dioxide gas is precaused. 2. The first ten pairs of the rice. 3. The lower limbs are connected to	etements: pared by adding to bcage are connected anterior ected to bones, while nes.	orly withe the upper limbs are	
nsw	Complete the following start. 1. Carbon dioxide gas is precaused. 2. The first ten pairs of the rise. 3. The lower limbs are connected to bord. 4. The phenomenoide.	tements: pared by adding to bcage are connected anterior ected to bones, while nes. In is resulted from increasing	orly withe the upper limbs are	
nsw [A]	rer the following questions Complete the following sta 1. Carbon dioxide gas is pre 2. The first ten pairs of the ri 3. The lower limbs are conne connected to bor 4. The phenomenor dioxide gas in the atmosp	tements: pared by adding to bcage are connected anterior ected to bones, while nes. n is resulted from increasing where.	orly withe the upper limbs are	
nsw [A]	rer the following questions Complete the following sta 1. Carbon dioxide gas is pre 2. The first ten pairs of the ri 3. The lower limbs are connected to bor 4. The	tements: pared by adding to bcage are connected anterior ected to bones, while nes. In is resulted from increasing there. the following statements:	orly withe the upper limbs are	
nsw [A]	rer the following questions Complete the following sta 1. Carbon dioxide gas is pre 2. The first ten pairs of the ri 3. The lower limbs are conne connected to bor 4. The phenomenor dioxide gas in the atmosp	tements: pared by adding to bcage are connected anterio ected to bones, while nes. n is resulted from increasing there. the following statements: gas.	orly withe the upper limbs are)
nsw [A]	rer the following questions Complete the following sta 1. Carbon dioxide gas is pre 2. The first ten pairs of the ri 3. The lower limbs are connected to bor 4. The phenomenor dioxide gas in the atmosp Put (√) or (x) in front of the ri 1. Nitrogen is called lifeless	etements: pared by adding to beage are connected anterior ected to bones, while nes. In is resulted from increasing where. The following statements: gas. The heartbeats.	orly withe the upper limbs are	
nsw [A]	The following questions 1. Carbon dioxide gas is pre 2. The first ten pairs of the ri 3. The lower limbs are connected to bor 4. The phenomenor dioxide gas in the atmosp Put (√) or (×) in front of the standard of the cerebrum controls the standard of the cerebrum controls the standard of the standar	tements: pared by adding to be be are connected anterior ected to bones, while nes. In is resulted from increasing there. The following statements: gas. In the preparation of oxygental entry to be a connected anterior to be a connected a	orly with))
nsw [A]	The following questions 1. Carbon dioxide gas is precased. The first ten pairs of the rice. The lower limbs are connected to the connected to the pairs of the rice. The mass of the atmosphere is called lifeless. The cerebrum controls the same connected to the sa	etements: pared by adding	orly with)))))

[A] Write the scientific term :	
1. A process occurs when the yeast is added to the dough.	()
The area of connection between the dendrites of the neighbouring neurons.	ng ()
3. The unit of measuring temperature.	()
4. A type of plants form protein by the help of specific type of bacte	
live in their roots.	()
5. Type of oxides is formed during lightening.	()
6. It consists of skull, backbone and ribcage.	()
[B] What happens when ?	diovido das
Putting a lighted magnesium ribbon in a cylinder contains carbon	
2. The ratio of oxygen increases in air.	
3. We put the medical thermometer in boiled water.	
[A] An object whose mass on the Earth equals 30 kg. Calculate: 1. Its mass on moon.	
2. Its weight on the Earth	
3. Its weight on moon.	
[B] Cross out the odd word:	
1. Gram – Kilogram – Newton – Ton.	()
2. Cerebrum – Cerebellum – Medulla oblongata – Spinal nerves.	()
3. Humerus – Forearm bones – Hand bones – Femur.	()
[C] Complete the following:	
	3
②	
	80 4
- The substance number ② works	T°]
2	

	2 The man is a second ture
	The mercury gives a wide range in measuring temperature.
	3. Damage of the medulla oblongata causes death.
[B]	Write one importance for each of the following:
	1. The dry ice:
	2. Joint :
	3. Ozone layer :
	4. The cerebellum :
	5. The upper limbs :
	6. The cartilages between vertebrae :
11	
	Dakahlia Governorate East Mansoura Educational Zon
Answ	rer the following questions :
	ver the following questions :
	rer the following questions: Complete the following: 1. Carbon dioxide gas in water, but oxygen gas in water 2. The knee joint is considered from joints, while the shoulder jo
	rer the following questions: Complete the following: Carbon dioxide gas in water, but oxygen gas in water 2. The knee joint is considered from joints, while the shoulder joint is considered from joints.
	rer the following questions: Complete the following: Carbon dioxide gas in water, but oxygen gas in water 2. The knee joint is considered from joints, while the shoulder joint is considered from joints. 3. The skull protects and protects spinal cord.
	 Complete the following: 1. Carbon dioxide gas
1. [A	The knee joint is considered from joints, while the shoulder joint is considered from joints. 3. The skull protects, and
1. [A	Complete the following: 1. Carbon dioxide gas
1. [A	The knee joint is considered from joints, while the shoulder joint is considered from joints. 3. The skull protects, and
1. [A	Complete the following: 1. Carbon dioxide gas
1. [A	Complete the following: 1. Carbon dioxide gas
1. [A	rer the following questions: 1. Carbon dioxide gas
1. [A	The following questions: 1. Carbon dioxide gas
1. [A	rer the following questions: 1. Carbon dioxide gas

	5. 6. 1.	The Celsius therm	in the flask after	sure the boiling point	gen. (of water. (
[A]	I C	hoose the correc	t answer ·		
F. 5			o the weight of an obje	ct on the Earth's surfa	ace whose
		a. 1 kg.	b. 0.1 kg.	c. 10 g.	d. 1000 g.
	2.	A structure links th	ne brain with the spinal	cord	
		a. cerebrum.		c. medulia oblongata	a. d. joint.
	3.	lets heat	flow through.		
		a. Wool	b. Wood	c. Air	d. Aluminium
	4.	The used liquid in	the medical thermome	eter is	
		a. water.		b. hydrogen peroxid	e.
		c. nitrogen.		d. mercury.	
	5.	One of the compo	nents of the nerve cell	body is the	
		 a. blood vessel. 	b. myelin sheath.	c. dendrites.	d. synapse.
	6.		nbs are connected to		
		a. pelvic	b. shoulder	c. sternum	d. shaft
[B]	G	ive reasons for :			
	1.	Ozone layer is ve	ry important for the life	of all living organisms	3.
	2.	We must shake th	e medical thermomete	r well before using.	
	^		o ic used in extinguish	ing some types - f.c.	
	3.	Carbon dioxide ga	as is used in extinguish	g some types of fire	es.

 [A] Write the scientific term of each of the following: The degree of hotness or coldness of a body. System that controls and regulates all vital operations of your botom. The most abundant gas in air. The phenomenon is resulted due to increasing the temperature of the Earth's atmosphere due to increasing the percentage of CO₂ gas. It allows the body to bend in different directions. A gas that its molecule is composed of three oxygen atoms. [B] Calculate the weight of an object on the Earth's surface and or 	(·············) (············) (········
surface. If you know that its mass is equal to 600 gm.	
[C] What is the number of?	
1. The ribs of ribcage are	
2. The nerves of peripheral nervous system are	
12 Ismailia Governorate Science Inspectora	te
Answer the following questions :	
[A] Complete the following sentences:	
1 The scale of medical thermanatan atoms from	nds
1. The scale of medical thermometer starts from °C and e	
at°C.	
at°C. 2. The measuring unit of weight is, while the measuring unit	
at ·············°C. 2. The measuring unit of weight is ··········, while the measuring units ············	
at°C. 2. The measuring unit of weight is, while the measuring unit is	
at ············°C. 2. The measuring unit of weight is ··········, while the measuring unit is ··········· 3. The central nervous system consists of ············ and ··········· [B] Look at the opposite figure, then answer the questions:	
at	
at ············°C. 2. The measuring unit of weight is ··········, while the measuring unit is ··········· 3. The central nervous system consists of ············ and ··········· [B] Look at the opposite figure, then answer the questions:	
at	
at°C. 2. The measuring unit of weight is, while the measuring unit is	
at°C. 2. The measuring unit of weight is, while the measuring unit is	nit of mass
at°C. 2. The measuring unit of weight is, while the measuring unit is	
at°C. 2. The measuring unit of weight is, while the measuring unit is	nit of mass

	2.	The ozone layer.			
	3.	Oxy-acetylene flame.			
2. [A] C	hoose the correct answer:			
	1.	The catalyst which used in prepara	ation of oxygen gas in	n laboratory is	
		a. sodium carbonate.	b. copper oxide.		
		c. manganese dioxide.	d. carbon dioxide.		
	2.	Newton is equal to the weight of a	a body, its mass is ····		
		a. 10 gm. b. 100 gm.	c. 1000 gm.	d. 10000 gm.	
	3.	Nitrogen molecule consists of	nitrogen atoms	.	
		a. four b. three	c. two	d. five	
	4.	The device of measuring weight is	s		
		a. sensitive balance.	o. spring scale.		
		c. digital scale.	d. scale with pointer.		
[B]	Gi	ve reasons for:			
1000		The withdrawal of the hand quickly	y when it suddenly to	uches a hot surface.	
	2.	Oxygen gas is collected by downv	ward displacement of	water.	
	3.	The handles of cooking utensils a	re made of plastic or	wood.	
[C]	Gi	ve one example of :			
	1.	Immovable joints.		()	
	2.	Slightly movable joints.		()	
• [A]	1.	rite the scientific term : A chemical substance that remains	s without any change	in its	
		quantity and structure during the c	chemical reaction.	()	
	2.	The liquid that used in making the	medical and Celsius	thermometer.	
				()	
	3. /	A mixture of different gases that su	irrounds the Earth.	()	
	4. /	A rapid union between oxygen and	an element, produc	ing heat	
		and light.		()	

5. The materials that let heat flow through. 6. A gas is used by legumes in the formation of their proteins. (
[B] If the object mass = 3 kg. on the Earth's surface, calculate: 1. Its mass on the moon.						
2. Its weight on the Earth.	2. Its weight on the Earth.					
3. Its weight on the moon.						
[C] Correct the underlined position of the amount of the contract of the amount of the amount of the contract of the amount of the amount of the contract of the amount of the contract of the		ements : ()				
2. Vinegar is used in steri						
		()				
3. Water is composed of o	xygen and Nitrogen.	()				
4. [A] What happens when ?	?					
1. The percentage of carbo						
2. Damage of medulla oble	ongata.	*****				
3. There is no oxygen in th	ne atmospheric air.					
[B] Compare between:						
Points of comparison	Cranial nerves	Spinal nerves				
Definition:						
Number:						
[C] Cross out the odd word	•					
1. Humerus bone – Shaft bones – Forearm bones – Hand bones. (
2. Two lower limbs – Skull	 Backbone – Ribcage. 	()				
124						

Assuit Governorate Science Inspectorate Answer the following questions: Complete the following: 1. The main center of the control in your body is and it is found inside a bony case called 2. Oxygen is prepared from in the presence of 3. The number of vertebrae of vertebral column is 4. The weight of any object is measured by using the [A] Write the scientific term: 1. An organ responsible for the reflex actions of the body. 2. A tool used to measure human body temperature. 3. A flame used in cutting and welding metals. 4. The measuring unit of mass which is almost equal to the mass of one liter of water. [B] Give reasons for: 1. Ozone gas is very important in nature. 2. Cerebellum has a great importance during movement of the body. 3. [A] Put (√) or (x) in front of each statement and correct the false ones : 1. The location of medulla oblongata is below cerebellum and joins the brain to the spinal cord. 2. Oxygen gas is used in cooling. 3. The liquid used in clinical thermometer is alcohol. 4. The mass of the body changes as its location changes.

[B] Calculate the mass of a body its weight equals 300 Newton. 1. Increasing the percentage of carbon dioxide in atmosphere. 4. [A] What happens when ...?

(....)

2. The knee joint becomes from wide movement joints.	
[B] Look at the opposite figure, then answer:	
1	
②	2
3	
4	4
Qena Governorate Science In	spectorate
swer the following questions :	
[A] Complete the following:	
1. There is a constriction in the thermometer.	
2. The number of cranial nerves in human is and to	the number of
spinal nerves is	
3. Weight is measured by using, while mass is me using using	easured by
4. In photosynthesis process, the plant absorbs g	as and
produces gas.	
5 is the degree of hotness or coldness of a body.	
[B] Mention one function or one use for each of the follow	ving:
1. The spinal cord :	
2. The Celsius thermometer :	
[A] Write the scientific term :	
1. Mixture of gases surrounding the Earth.	()
2. The building unit of the nervous system.	()
3. The used liquid in thermometers.	()
4. A flame is used in cutting and welding metals.	()

[B] Give reasons for the follo	wing statements:	
1. The yeast is added to do		
2. Damage the medulla obl	ongata lead to death.	
[A] Choose the correct answ	er:	
1. ·····is a good condu	ctor of heat.	
a. Plastic	b. Copper	c. Glass
2. Nitrogen represents	······ % of the Earth's atmo	sphere.
a. 21	b. 0.03	c. 78
3. Joints between skull bon	es arejoints.	
a. immovable	b. slightly movable	c. freely movable
The largest part of the br	ain is	
a. cerebellum.	b. cerebrum.	c. medulla oblongata.
[B] If an object's mass = 5 kg	on the Earth, calculate	
1. Its mass on the moon.		
2. Its weight on the Earth.		
	.,	
[A] Put (√) or (x) in front of	the following statements	s:
1. Handles of cooking pots		()
2. Carbon dioxide molecule	consists of one oxygen a	tom combined
with two carbon atoms.		()
Cerebellum contains cer		
4. The scale of medical the	rmometer starts from 30°C	to 42°C. ()
[B] The shown apparatus rep	resents the preparation	of oxygen gas
in the laboratory:		1
- Label the figure :		3
(1)		
(2) ·······		Se Se Se Se Se Se Se Se
③		(上·)
- Oxygen gas is collected b	y	

15 South Sinai Governorate

Science Inspectorate

Answer the following questions:

. [A] Complete the following :						
	1. We can measure the mass of jewels by using the , while w	we can					
	measure the weight of an object by using the						
2. The bones of limbs are connected to shoulder bones,							
	while the bones of limbs are connected to pelvic bones. 3. The graduation of medical thermometer starts from°C to						
	4. The plant absorbs gas in photosynthesis process, while it	produc	es				
	gas.						
	5. The number of cranial nerves is pairs, while the number of	f spina					
	nerves is ····· pairs.						
1	[B] Write one function of :						
	1. The cerebrum.						
	2. Medical thermometer.						

2.	[A] Put (√) or (x):						
	1. Copper is the best heat conductor.	(1				
	2. Oxygen gas occupies 0.03% of the atmospheric air components.	ì)				
	3. The skull has immovable joints.	ì)				
	4. A white substance is formed when oxygen reacts with lighted						
	magnesium ribbon.	(,				
	5. Cartilages prevent the friction between the bones of vertebrae.	ì					
	6. The outer surface of the cerebral hemisphere is called cerebral co	rtex	,				
	and it is a white matter.	(,				
		•	,				
L	B] If the object's mass = 6 kg. on the Earth surface, calculate :						
	1. Its mass on the moon.						
	2. Its weight on the Earth.						
	3. Its weight on the moon.						

C] Give reasons for : 1. Handles of cooking utensils made of wood or plastic.				
2. Carbon dioxide gas is colle	ected by upward displacen	nent of air.		
3. Yeast is added to dough.				
[A] Choose the correct answer				
The used liquid in medical a. water.	b. alcohol.	c. mercury.		
 2 gas is used in ma a. Oxygen 3 controls the reflex 	b. Nitrogen	c. Carbon dioxide		
a. Spinal cord 4 is responsible for	 b. Medulla oblongata 	c. Cerebellum nce during the		
a. Medulla oblongata 5 is used as a cataly a. Manganese dioxide	b. Spinal cord yst during the preparation of b. Iron	c. Cerebellum of oxygen gas. c. Nitrogen		
[B] What happens when?				
1. Damage of medulla oblong	gata.			
2. The percentage of carbon		S.		
3. There are no joints betwee	n bones of human body.			
[C] Look at the opposite figure	, then answer :			
1. This is the cell. 2. Write the labels:				
(b)		(a)		

4.	[A]	Write	the	scientific	term	:
	F1	******		Coloniano		•

1. A gas used by legumes in formation of its proteins.	()
2. A gas consists of three atoms of oxygen.	()
3. The measuring unit of mass which equals the mass of one liter	
of distilled water at the normal temperature.	()
4. Materials that let heat flow through.	()
5. The location at which bones meet each other.	()
6. A gas produced from the reaction between diluted hydrochloric a	cid
and calcium carbonate.	()

[B] Choose from column (B) what suits it in column (A):

(A)		(B)		
1. The backbone	a. knee.			
2. The ribcage	b. shoulder.	b. shoùlder.		
3. Oxygen gas	c. consists of 33 vertebrae.			
4. Nitrogen gas	d. hydrogen peroxide is used in its preparation.			
5. Slightly movable joint	e. protects the brain.			
6. Freely movable joint	f. consists of 12 pairs of ribs.			
	g. it represents 78%	of the volume of atmospheric air.		
1	2	3		
1	5	6		

Cairo Governorate

1

Saint Joseph School

- 1. (A) 1. Balance
- 2. Plastic wood
- Thermometer
- 4.21 0.03
- Nervous system
- 6. Skull
- (B) 1. extinguish oxygen
 - 2. turbid carbon dioxide
- (C) 1. They are used in making :
 - Cooking pots.
 - Kettles that are used in houses and factories.
 - 2. It is responsible for regulating the involuntary processes of the body as :
 - Regulating heartbeats.
 - Regulating the movement of the respiratory system parts during breathing.
 - Regulating the movements and functions of the digestive system.
- 2. (A) 1. c. Gram
- 2. c. mercury.
- 3. d. 78%
- 4. a. the body balance.
- (B) 1. Because the consumed oxygen gas during respiration and combustion processes is compensated by the green plants during photosynthesis process.
 - Due to the gravitational force of the Earth to the body in the plane decreases as we go away from the center of the Earth.
- (C) 1. nerve cell (neuron).
 - 2. cell body.
- axon.
- 3. (A) 1. (✓)
- 2. (*)
- 3. (🗸)

- 4.(1)
- 5. (*)
- 6. (*)
- (B) 1. Its mass on the moon = 10 kg.
 - 2. Its weight on the Earth = 10×10
 - = 100 Newton.
 - 3. Its weight on the moon = $100 \times \frac{1}{6}$
 - = 16.66 Newton.
- (C) 1. The medical thermometer will be damaged, because the boiling point of water is 100°C.
 - It will cause global warming and suffocation of living organisms.

- 4. (A) 1. Mass.
- 2. Celsius degree.
- 3. Oxy-acetylene flame.
- Carbon dioxide gas.
- Spinal cord.
- Ribcage.

(B)

P.O.C.	Immovable joints	Freely movable joints
Definition :	They don't allow any movement.	They allow movement in all directions.
Example :	Joints between the bones of skull.	Shoulder joint.

2

Akhnaton Egyptain Language School

- (A) 1. kilogram Newton.
 - 2. pressure -- cooling.
 - 3. Medulla obiongata skull
 - 4. Clear limewater
 - making cocking pots.
 - (B) 1. Because the mass of the moon is less than the mass of the Earth, so the gravity of the moon is less than that of the Earth.
 - 2. Because mercury:
 - is a good conductor of heat.
 - does not stick to the walls of the capillary tube.
 - gives a wide range to temperature measurement.
 - is a regular expanding material.
 - is a liquid metal that can be seen easily through the thermometer glass.
- 2. (A) 1. Heat insulators.
- 2. Ozone gas.
- Reflex action.
- 4. Temperature.
- 5. Weight.
- 6. Nerve cell (Neuron).
- 7. The medical thermometer.
- The axial skeleton.
- (B) 1. We cannot control burning processes as oxygen helps in burning.
 - 2. The human body cannot move.
 - Its weight will be decreased as the gravitational force of the Earth for this body decreases.
 - The nervous system will be exhausted as they lead to nervous tension and affect the heartbeats and the sleeping periods.

- 3. (A) 1. b. oxygen
- 2. a. dendrites.
- 3. b. oxygen and hydrogen.
- 4. a. 78
- 5. c. shoulder
- 6. c. carbon dioxide
- (B) 1. It is used to measure the weight of any object.
 - 2. They prevent friction between vertebrae during movement.
 - 3. It is used in making soft drinks.
 - 4. It is used in cutting and welding metals.
- (C) Its mass on the moon's surface = 60 kg.
- 4. (A) 1. ribcage
- 2. photosynthesis
- the roots
- 4.0°C to 100°C.
- 5. Oxidation
- 6. 10 pairs

(B)

P.O.C.	Cranial nerves	Spinal nerves
Definition :	They are nerves that emerge from the brain.	They are nerves that emerge from the spinal cord.
Number :	12 pairs.	31 pairs.

- (C) (1) Femur bone.
- Shaft bones.

Futures Language Schools

- 1. (A) 1. a. photosynthesis
- 2. c. mercury.
- 3. c. (a) and (b).
- 4. b. Its mass × 10
- 5. a. synapse
- 6. a. carbon dioxide 7. c. (-39: 357)
- 8. b. Manganese dioxide
- (B) 1. The medical thermometer will be damaged, because the boiling point of water is 100°C.
 - 2. Its weight increases.
- **2.** (A) 1. 33 12
- 2. carbon dioxide
- 3. cerebellum
- hydrogen peroxide manganese dioxide.
- (B) 1. Doing physical exercises.
 - Staying away from addiction.
- (C) 1. calcium carbonate.
 - 2. dilute hydrochloric acid.
- 3. (A) 1. Because the mass of the moon is less than the mass of the Earth, so the gravity of the moon is less than that of the Earth.

- 2. To prevent mercury from returning back to the bulb quickly in order to read the measurement easily.
- (B) 1. Nerve cell (Neuron). 2. Ozone gas.
 - 3. Weight.
- 4. Skull.
- Temperature.
- 6. The atmosphere.
- 7. Dendrites.
- 8. Heat insulators.
- 4. (A) 1. It directs and coordinates all the processes, ideas, behaviours and emotions.
 - 2. It delivers the nerve messages from the body organs to the brain and vice versa.
 - It is responsible for the reflexes (a group of reflex actions).
 - (B) 1. (x)
- 2. (🗶)
- 3. (*)
- 4. (
- 5. (1
- 6. (*)
- 7. (🗸)
- 8. (*)

Manarat Al Farouk Islamic School

- 1. (A) 1. Cerebellum. 2. Nitrogen gas.
- - Manganese dioxide.
 - Celsius thermometer.
 - Newton.
 - Carbon dioxide gas.
 - (B) 1. Due to the reflex action made by the spinal cord.
 - 2. Because it is heavier than air.
 - 3. Because it will be broken, as the temperature of boiling water is 100°C, while the medical thermometer temperature range is 35°C to 42°C.
- **2.** (A) 1. Burning
- 2.78%
- 3. Weight
- 4. 1 kg.
- 5. Cerebellum
- 6. 12
- (B) 1. It helps in the decomposition of hydrogen peroxide, without any change in its quantity or structure.
 - 2. It protects the brain.
 - 3. They are connected to the neighbouring neurons to form synapse.
- (A) 1. increases.
- 2. Carbon dioxide
- during surgeries during diving. decreases.
 - 5. Knee joint

PART V

- (B) 1. c. 50 N.
- 2. a. foot bones.
- 3. b. Air
- 4. d. white matter.
- 5. c. medical thermometer.
- 6. c. spring scale
- 4. (A) 1. Kilogram.
- 2. The brain.
- 3. Wrist joint.
- 4. The distance between the object and the center of the planet.
- Making soft drinks.Dust particles.
- (B) 1. Oxygen gas and water are produced.
 - Oxy-acetylene flame is formed.
 - They prevent the leakage of heat and keep our bodies warm.

Bloom Language School

- (A) 1. 33 vertebrae.
 - hydrogen peroxide manganese dioxide.
 - 43 pairs.
- spring scale.
- 5. Oxygen
- 6. plastic.
- 7.78
- 8. increasing carbon dioxide
- (B) 1. Because medulla oblongata controls all the involuntary processes (as heartbeats, movement of the respiratory system parts during breathing, movements and functions of the digestive system).
 - 2. Because it doesn't burn and doesn't help in burning.
- 2. (A) 1. a. spinal nerves.
- 2. d. carbon.
- 3. c. 12
- 4. c. carbon dioxide
- 5. a. Axon of nerve cell
- a. spinal cord.
- (B) 1. Legumes as clover, peas and soybeans can't make protein.
 - 2. Living organisms cannot respire, so they will die.
 - The nervous system will be exhausted.
- (A) 1. The locomotory system.
 - 2. Reflex action.
 - 3. The atmospheric air.
 - 4. The medical thermometer.
 - Weight.
- Mass.
- (B) 1. (✓)
 - 2. (🗸)
- 3. (x)
- 4. (1)
- 5. (*)
- 6. (x)

- 4. (A) 1 Cerebrum.
- (2) Cerebellum.
- 3 Medulla oblongata.
 - brain.
 - It maintains the balance of the body during the movement.
- (B) a. Its mass on the moon = 30 kg.
 - b. Its weight on the Earth = 30×10

= 300 Newton.

c. Its weight on the moon = $300 \times \frac{1}{6}$

= 50 Newton.

Giza Governorate

Orman College School

- . (A) 1. kilogram Newton. 2. Copper
 - 3.35 42
 - oxygen gas manganese dioxide.
 - (B) 1. d

3. b

- 4. c
- **2.** (A) 1. (✓) 2. (✓)
- 3. (*)
- (B) 1. To prevent mercury from returning back to the bulb quickly in order to read the measurement easily.
 - 2. Because it is heavier than air.
 - Because medulla oblongata controls all the involuntary processes (as heartbeats, movement of the respiratory system parts during breathing, movements and functions of the digestive system).
 - Because nervous system exhausted as they affect sleeping periods, affect heartbeats and lead to nervous tension.
- 3. (A) 1. Weight.
- Mercury.
- Reflex action.
- Nitrogen gas.
- (B) (1) Hydrogen peroxide.
 - (2) Manganese dioxide.
 - Oxygen gas.
 - 4) Water.
- 4. (A) 1. b. the Earth.
 - 2. b. glass and wood.
 - 3. c. carbon dioxide.
 - 4. a. joints between skull bones.
 - 5. b. letter H.

- (B) a. Its mass on the moon = 6 kg.
 - b. Its weight on the Earth's surface $= 6 \times 10 = 60$ Newton.

6th of October Directorate

- 1. (A) 1. Backbone.
- 2. The joint.
- 3. Oxidation.
- Nitrogen gas.
- (B) 1. The heat will transfer from my hand to the piece of ice so, I feel cold.
 - 2. The weight of the object decreases as the gravitational force of the Earth for this object decreases.
- 2. (A) 1. c. acetylene.
- 2. d. sternum.
- 3. c. 2000 g.
- 4. a. copper.
- (B) 1. Because medulla oblongata controls all the involuntary processes (as heartbeats, movement of the respiratory system parts during breathing, movements and functions of the digestive system).
 - Because mercury :
 - is a good conductor of heat.
 - is a liquid metal that can be seen easily through the thermometer glass.
 - is a regular expanding material.
 - doesn't stick to the walls of the capillary tube.
 - remains in a liquid state between (- 39°C) and (357°C).
- 3. (A) 1. high low 2. constant variable

 - 12 pairs 31 pairs.
 - hydrogen peroxide manganese dioxide.
 - (B) 1. reflex action.
- 2. ethyl alcohol
- 4. (A) a. dilute hydrochloric acid.
 - calcium carbonate.
 - b. upward displacement of air heavier than air.
 - c. It is used in making dry ice.
 - (B) 1. Its mass on the moon surface = 12 kg.
 - 2. Its weight on the Earth
 - = Its mass (kg.) \times 10
 - $= 12 \times 10 = 120$ Newton.
 - 3. Its weight on the moon
 - = Its weight on the Earth $\times \frac{1}{6}$
 - $= 120 \times \frac{1}{6} = 20$ Newton.

Alexandria Governorate

- (A) 1. balance scale spring scale.
 - Copper iron
- Ethyl alcohol
- 4. cutting welding
- 5. spinal cord.
- (B) 1. Because the Earth has greater mass than the moon, so the gravitational force of the Earth is greater than that of the moon.
 - Because it helps in burning.
- 2. (A) 1. a. dry ice.
- 2. a. voluntary
- 3. a. two bones.
- 4. b. mercury.
- (B) 1. All the involuntary processes of the body will be disturbed and causes death.
 - 2. Magnesium ribbon keeps burning for a short time producing magnesium oxide which is a white substance and carbon (coal) which is a black substance.
- 3. (A) 1. (x) ... decreasing weight only of an object occurs.
 - 2. (x) All metals are ...
 - 3. (x) ... manganese dioxide.
 - 4. (x) Carbon dioxide gas is ...
 - (B) 1. Ozone gas.
- 2. Cerebellum.
- Oxygen gas.
- Global warming phenomenon.
- 4. (A) 1. nerve cell (neuron).
 - 2. (1) The cell body.
- (2) Dendrites.
- (3) Axon.
- (B) 1. Its mass on the moon = 3 kg.
 - 2. Its weight on the Earth = 3×10
 - = 30 Newton.
- (C) 1. 12 pairs.
- 2.33
- 3. 42°C.
- 4.78%

Kalyoubia Governorate

- 1. (A) 1. 0°C 100°C.
 - carbon dioxide limewater.
 - lungs heart.
- 4. 21 nitrogen
- plastic.
- 6.100
- (B) a. carbon dioxide
 - b. 1. dilute hydrochloric acid.
 - 2. calcium carbonate.
 - 3. tap.
- 4. photosynthesis

PART 3

- (C) Its weight on the Earth = 90 × 10 = 900 Newton.
 - Its weight on the moon = $900 \times \frac{1}{6}$ = 150 Newton.
 - Its mass on Mars planet = 90 kg.
- 2. (A) 1. two
- 2. Cerebellum
- 3. 35°C to 42°C.
- gray matter
- (B) 1. Immovable.
- 2. Freely movable.
- Slightly movable.
- 4. Freely movable.
- (C) 1. To prevent mercury from returning back to the bulb quickly in order to read the measurement easily.
 - Because mass is a constant value, and doesn't change by changing the place.
 - Because nitrogen gas doesn't help in burning.
 - Due to the reflex action made by the spinal cord.
- 3. (A) 1. The peripheral nervous system.
 - Balance scale.
 - 3. Iron.
- 4. Ethyl alcohol.
- Oxygen gas.
- 6. Newton.

- (B) 1. b
- 2. c
- 3. a
- 4. e
- (C) 1. The medical thermometer will be damaged, because the boiling point of water is 100°C.
 - The green plants cannot make photosynthesis process, so the percentage of oxygen will decrease in the atmosphere and living organisms will die.
 - Friction occurs between the vertebrae causing harms to the backbone.
 - Hydrogen peroxide is decomposed into water and oxygen gas, while manganese dioxide doesn't change in its quantity or structure.
- 4. (A) 1. b. Weight
- 2. b. burning.
- 3. a. Carbon dioxide
- 4. a. 40 kg.
- c. proteins.
- 6. a. more than
- (B) 1. (x)
- 2. (🗸)
- 3. (x)
- 4. (*)
- 5. (*)
- 6. (
- (C) 1. Sensitive balance.
 - 2. Carbon dioxide gas.
 - 3. Wool.

10

Menofia Governorate

- 1. (A) 1. dilute hydrochloric acid calcium carbonate.
 - 2. sternum.
- 3. pelvic shoulder
- 4. global warming
- (B) 1. (✓)
- 2. (*)
- 3. (1)

- 4. (*)
- 5. (*)
- 6. (1)
- 2. (A) 1. Fermentation process.
 - Synapse.
- Celsius degree.
- 4. Legumes.
- Nitrogen oxides.
- 6. The axial skeleton.
- (B) 1. Magnesium ribbon keeps burning for a short time producing magnesium oxide which is a white substance and corbon (coal) which is a black substance.
 - The burning processes increase.
 - The medical thermometer will be damaged, because the boiling point of water is 100°C.
- 3. (A) 1. Its mass on moon = 30 kg.
 - 2. Its weight on the Earth = 30×10
 - = 300 Newton.
 - 3. Its weight on moon = $300 \times \frac{1}{6}$
 - = 50 Newton.
 - (B) 1. Newton
- 2. Spinal nerves.
- 3. Femur.
- (C) 1 Hydrogen peroxide.
 - 2 Manganese dioxide.
 - 3 Oxygen gas.
 - 4 Water.
 - catalyst.
- (A) 1. To avoid any vibration of the balance scale.
 - Because it remains in a liquid state between (– 39°C) and (357°C).
 - Because medulla oblongata controls all the involuntary processes (as heartbeats, movement of the respiratory system parts during breathing, movements and functions of the digestive system).
 - (B) 1. It is used in refrigeration.
 - 2. It helps in movement between bones.
 - It protects the Earth from harmful radiations that come from the Sun.

- It maintains the balance of the body during the movement.
- They allow eating, drinking, writing and holding things.
- They prevent friction between vertebrae during movement.

Dakahlia Governorate

- 1. (A) 1. dissolves rarely dissolves.
 - 2. slightly movable freely movable.
 - 3. brain backbone
 - 4. balance spring
 - (B) 1. The nervous system will be exhausted as they lead to nervous tension and affect the heartbeats and sleeping periods.
 - 2. It will be turned into milky.
- 2. (A) 1. (x) 2. (x)
- 3. (*)
- 4. (✓)
 5. (✓)
 6. (✓)
 (B) 1. (a) Hydrogen peroxide.
 - (b) Oxygen gas.
 - The quantity and structure of manganese dioxide doesn't change and hydrogen peroxide is decomposed into water and oxygen gas.
- 3. (A) 1. b. 0.1 kg.
 - 2. c. medulla oblongata.
 - 3. d. Aluminium
- 4. d. mercury.
- 5. c. dendrites.
- 6. b. shoulder
- (B) 1. Because it protects the living organisms from harmful radiations that come from the Sun.
 - 2. To force the mercury back to the bulb.
 - Because it doesn't burn and doesn't help in burning.
- 4. (A) 1. Temperature.
- 2. Nervous system.
- Nitrogen gas.
- 4. Global warming phenomenon.
- 5. The backbone.
- 6. Ozone gas.
- (B) Its weight on Earth's surface = 0.6×10
 - = 6 Newton.
 - Its weight on moon's surface = $6 \times \frac{1}{6}$
 - = 1 Newton.
- (C) 1. 12 pairs.
- 2. 43 pairs.

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Ismailia Governorate

- 1. (A) 1. 35 42
- Newton kilogram.
- 3. the brain the spinal cord.
- (B) 1. 1 Dilute hydrochloric acid.
 - 2 Calcium carbonate.
 - 2. Because it is heavier than air.
- (C) 1. It is used in measuring the temperature of liquids.
 - 2. It protects the Earth from harmful radiations that come from the Sun.
 - It is used in cutting and welding of metals.
- 2. (A) 1. c. manganese dioxide. 2. b. 100 gm.
 - 3. c. two
- 4. b. spring scale.
- (B) 1. Due to the reflex action made by the spinal cord.
 - 2. Because it rarely dissolves in water.
 - 3. Because they are heat insulators.
- (C) 1. Joints between the skull bones.
 - 2. Elbow joint.
- 3. (A) 1. Catalyst.
- 2. Mercury.
- 3. The atmosphere. 4. Burning.
- 5. Heat conductors. 6. Nitrogen.
- (B) 1. Its mass on the moon = 3 kg.
 - 2. Its weight on the Earth = 3×10
 - = 30 Newton.
 - 3. Its weight on the moon = $30 \times \frac{1}{6}$
 - = 5 Newton.
- (C) 1. Mass
- 2. Ethyl alcohol
- hydrogen.
- (A) 1. Global warming phenomenon occurs and the living organisms will suffocate.
 - All the involuntary processes of the body will be disturbed and causes death.
 - 3. All living organisms will die.

(B)

(-)		
P.O.C.	Cranial nerves	Spinal nerves
Definition :	They are nerves that emerge from the brain.	They are nerves that emerge from the spinal cord.
Number :	12 pairs.	31 pairs.

- (C) 1. Shaft bones.
 - 2. Two lower limbs.

Assuit Governorate

- 1. the brain skull.
 - hydrogen peroxide dissociation manganese dioxide.
 - 3. 33 vertebrae.
 - spring scale.
- 2. (A) 1. Spinal cord.
 - 2. Medical thermometer.
 - Oxy-acetylene flame.
 - Kilogram.
 - (B) 1. Because it protects the Earth from harmful radiations that come from the Sun.
 - 2. Because it maintains the body balance during movement.
 - 3. (A) 1. (✓)
 - 2. (x) Carbon dioxide gas ...
 - 3. (x) ... mercury.
 - 4. (x) The weight ...
 -) Its mass = $\frac{\text{Its weight}}{10} = \frac{300}{10} = 30 \text{ kg}.$
 - 4. (A) 1. Global warming phenomenon occurs and the living organisms will suffocate.
 - It allows movement in all directions.
 - (B) 1. Humerus bone.
- Ribcage.
- 3. Forearm bones.
- 4. Backbone.

Qena Governorate

- . (A) 1. medical
- 2. 12 pairs 31 pairs.
- spring scale balance scale.
- 4. carbon dioxide oxygen
- 5. Temperature
- (B) 1. It is responsible for reflex actions.
 - 2. It is used in measuring the temperature of liquids.
- 2. (A) 1. The atmosphere.
 - Nerve cell (Neuron).
 - 3. Mercury.
- Oxy-acetylene flame.
- (B) 1. Because yeast produces carbon dioxide gas by fermentation process, which expands by heat making bread porous and tasty.

- 2. Because medulla oblongata controls all the involuntary processes (as heartbeats, movement of the respiratory system parts during breathing, movements and functions of the digestive system).
- 3. (A) 1. b. Copper
- 2. c. 78
- 3. a. immovable
- 4. b. cerebrum.
- (B) 1. Its mass on the moon = 5 kg.
 - 2. Its weight on the Earth
 - = Its mass (kg.) \times 10
 - $= 5 \times 10 = 50$ Newton.
- **4.** (A) 1. (✓)
- 2. (*)
- 3. (*)
- 4. (x)
- (B) 1 Hydrogen peroxide.
 - (2) Manganese dioxide.
 - Oxygen gas.
 - downward displacement of water.

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South Sinai Governorate

- (A) 1. sensitive balance spring scale.
 - 2. upper lower 3. 35 42
 - 4. carbon dioxide oxygen
 - 5.12 31
 - (B) 1. It contains the centers of thinking and memory.
 - 2. It is used in measuring the temperature of the human body.
- **2.** (A) 1. (✓)
- 2. (x)
- 3. (✓)

- 6. (x)
- (B) 1. Its mass on the moon = 6 kg
 - 2. Its weight on the Earth = 6×10
 - = 60 Newton.
 - 3. Its weight on the moon = $60 \times \frac{1}{6}$
 - = 10 Newton.
- (C) 1. Because they are heat insulators.
 - Because it is heavier than air.
 - Because yeast produces carbon dioxide gas by fermentation process, which expands by heat making bread porous and tasty.

- 3. (A) 1. c. mercury.
 - 2. c. Carbon dioxide
 - 3. a. Spinal cord
 - 4. c. Cerebellum
 - 5. a. Manganese dioxide
 - (B) 1. All the involuntary processes of the body will be disturbed and causes death.
 - 2. Global warming phenomenon occurs and the living organisms will suffocate.
 - 3. The human body can't move.
 - (C) 1. nerve
 - 2. a The cell body.
 - b Nucleus.
 - © Myelin sheath.
 - 4. (A) 1. Nitrogen gas.
 - 2. Ozone gas.
 - 3. Kilogram.
 - 4. Heat conductors.
 - 5. The joint.
 - 6. Carbon dioxide gas.
 - (B) 1. c
- 3. d

- 5. a
- 6. b